Water Supply Reserve Fund Water Activity Summary Sheet March 10-11, 2021 Consent Agenda Item 2(l)

**Applicant & Grantee:** West Denver Trout Unlimited (Chapter #013)

Water Activity Name: Clear Creek Integrated Water Management Plan Phase 1

Water Activity Purpose: Agricultural, Education & Outreach,

Municipal/Industrial, Needs Assessment, Nonconsumptive

(Environmental and Recreational) - Study

County: Adams, Clear Creek, and Jefferson

Drainage Basin: South Platte
Water Source: Clear Creek

Amount Requested: \$10,000 Metro Basin Account

\$10,000 Total Request

Matching Funds: Basin Account Match = \$34,000

• 77% of total project costs (meets 25% min)

# Staff Recommendation:

Staff recommends approval of up to \$10,000 from the Metro Basin Account to help fund the project: Clear Creek Integrated Water Management Plan Phase 1

Water Activity Summary: If approved, the applicant will use WSRF funds to begin the initial development of an Integrated Water Management Plan (IWMP) for the Clear Creek Basin.

Phase 1 of the Clear Creek IWMP will formalize the stakeholder group through outreach and engagement, define the purpose and scope of the project, research and document existing plans within the basin to identify common goals, and assess current conditions. Project participants anticipate additional phases of the project to identify, develop, and prioritize management actions envisioned during Phase 1.

The project is located within the Clear Creek watershed. Clear Creek is tributary to the South Platte River, Water District 7, Division 1. The Clear Creek IWMP is an exploratory plan with a diverse stakeholder group representing agricultural users, municipal water use, industry, environmental and recreation, and the general community. The applicant believes stakeholders will bring diverse expectations of the plan, which will lead to multi-objective goals and projects to develop a collaborative and inclusive management plan for the Clear Creek basin.

**Discussion:** This project aligns with a goal in the Water Plan to promote healthy river systems and to protect water rights, while advancing watershed health and recreation opportunities and helps to meet a measurable objective to cover 80 percent of the locally prioritized lists of rivers with stream management plans, and 80 percent of critical watersheds with watershed protection plans, all by 2030."

The project also aligns with the South Platte Basin Implementation Plan goal to "fully recognize the importance of, and support the development of environmental and recreational projects and multipurpose projects that support water availability for ecologically and economically important habitats and focus areas."

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

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

**Evaluation Criteria:** Staff has determined this activity satisfies the Evaluation Criteria.

Funding Sources/Match	Cash	In-Kind	Total	Status
West Denver Trout Unlimited	\$5,000	\$5,000	\$10,000	Secured
CWCB Watershed Restoration Grant	\$22,000	\$0	\$22,000	Secured
Colorado Trout Unlimited	\$2,000	\$0	\$2,000	Secured
Sub-Total Matching Funds	\$29,000	\$5,000	\$34,000	
WSRF Metro Basin Account	\$10,000	\$0	\$10,000	Secured
Total Project Costs	\$39,000	\$5,000	\$44,000	

**CWCB Project Manager:** Chris Sturm

## Colorado Water Conservation Board

# Water Supply Reserve Fund Grant Application

## Instructions

All WSRF grant applications shall conform to the current 2020 WSRF Criteria and Guidelines.

To receive funding from the WSRF, a proposed water activity must be recommended for approval by a Roundtable(s) <u>AND</u> the approved by the Colorado Water Conservation Board (CWCB). The process for roundtable consideration and recommendation is outlined in the 2020 WSRF Criteria and Guidelines. The CWCB meets bimonthly.

If you have questions, please contact the WSRF Grant Program Manager (for all Roundtables) or your Roundtable Liaison:

Ben Wade ben.wade@state.co.us 303-866-3441 x3238 (office) Sam Stein
Sam.stein@state.co.us
303-866-3441(office)

	WSRF Submittal Checklist (Required)	
YES■ NO□	This request was recommended for CWCB approval by the sponsoring roundtable.	
YES■ NO□	I have read and understand the 2020 WSRF Criteria and Guidelines.	
YES■ NO□	Grantee will be able to contract with CWCB using the <u>Standard Contract</u> . <sup>1</sup>	
	Application Documents included:	
YES■ NO□		
	Exhibit A: Statement of Work <sup>2</sup> (Word – see Template)	
YES NO	Exhibit B: Budget & Schedule <sup>2</sup> (Excel Spreadsheet – see Template)	
YES■ NO□	Letters of Matching and/or Pending 3 <sup>rd</sup> Party Commitments <sup>2</sup>	
YES■ NO□	$Map^2$	
YES■ NO□	Photos/Drawings/Reports	
YES■ NO□	Letters of Support	
	Contracting Documents <sup>3</sup>	
YES□ NO■	Detailed/Itemized Budget <sup>3</sup> (Excel Spreadsheet – see Template)	
YES□ NO■	Certificate of Insurance <sup>4</sup> (General, Auto, & Workers' Comp.)	
YES□ NO■	Certificate of Good Standing <sup>(4)</sup>	
YES□ NO■	W-9 Form <sup>4</sup>	
YES□ NO■	Independent Contractor Form <sup>4</sup> (If applicant is individual, not company/organization)	
YES□ NO■	Electronic Funds Transfer (ETF) Form <sup>4</sup>	

 $<sup>^1</sup>$ Click "Grant Agreements". For reference only/do not fill out or submit/required for contracting

<sup>&</sup>lt;sup>2</sup> Required with application if applicable.

<sup>&</sup>lt;sup>3</sup> Additional documentation providing a Detailed/Itemized Budget maybe required for contracting. Applicants are encouraged to coordinate with the CWCB Project Manager to determine specifics.

<sup>&</sup>lt;sup>4</sup> Required for contracting. While optional at the time of this application, submission can expedite contracting upon CWCB Board approval.

Schedule			
CWCB Meeting	Application Submittal Dates	Type of Request	
January	October 1	Basin Account	
March	December 1	Basin/Statewide Account/Water Plan Grant Match <sup>1</sup>	
May	February 1	Basin Account	
July	April 1	Basin Account	
September	June 1	Basin/Statewide Account	
November	August 1	Basin Account	

<sup>&</sup>lt;sup>1</sup> If either the basin or statewide match includes matching funds from a pending Water Plant Grant, both must be submitted by December 1st deadline for March Board meeting review.

Water Activity Summary			
Name of Applicant	West Denver Trou	t Unlimited (Chapter #013)	
Name of Water Activity	Clear Creek Integr	Clear Creek Integrated Water Management Plan Phase 1	
Approving Roundtable	e(s)	Basin Account Request(s) <sup>1</sup>	
Metro Basin Roundtable		\$10,000	
Basin Account Request Subtotal		\$10,000	
Basin Account Request Subtotal Approved by Roundtable		\$10,000	
Statewide Account Request <sup>(1)</sup>		\$0	
Total WSRF Funds Requested (Basin & Statewide)		\$10,000	
Total Project Costs		\$44,000	

 $<sup>^{\</sup>rm 1}\,\mbox{Please}$  indicate the amount recommended for approval by the Roundtable(s)

Grantee and Applicant Information		
Name of Grantee(s)	West Denver Trout Unlimited (Chapter #013)	
Mailing Address	8189 Webster St., Arvada, CO 80003	
FEIN	38-1612715	

	Grantee and Applicant Information
Grantee's Organization Contact <sup>1</sup>	Ed Calmus
Position/Title	West Denver Trout Unlimited President
Email	ed.calmus@gmail.com
Phone	(303) 744-2940
Grant Management Contact <sup>2</sup>	Matt Rivera
Position/Title	West Denver Trout Unlimited Treasurer
Email	MRivera9351@msn.com
Phone	(303) 204-5069
Name of Applicant (if different than grantee)	Applicant is West Denver Trout Unlimited
Mailing Address	
Position/Title	
Email	
Phone	

<sup>&</sup>lt;sup>1</sup> Person with signatory authority

## Description of Grantee

Provide a brief description of the grantee's organization (100 words or less).

The West Denver Trout Unlimited (WDTU) chapter (TU Chapter #013) is a member driven 501(c)(3) organization whose mission is to conserve, protect, and enhance Colorado's coldwater fisheries through volunteerism, education, and outreach. WDTU was founded in 1974 and has more than 1,100 members across the west Denver Metro area including Lakewood, Golden, Morrison, Englewood, Littleton, Wheat Ridge, and Arvada.

WDTU has participated in many conservation projects and educational programs in the Clear Creek basin including the Clear Creek Golden Mile Restoration project in the City of Golden which provides quality fishing opportunities to urban residents.

Type of Eligible Entity (check one)			
Public (Government): municipalities, enterprises, counties, and State of Colorado agencies.  Federal agencies are encouraged to work with local entities. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.			
<b>Public (Districts):</b> authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises			
Private Incorporated: mutual ditch companies, homeowners associations, corporations			

 $<sup>^2\,</sup>Person\,responsible\,for\,creating\,reimbursement\,invoices\,(Invoice\,for\,Services)\,and\,corresponding\,with\,CWCB\,staff.$ 

	Type of Eligible Entity (check one)			
	<b>Private Individuals, Partnerships, and Sole Proprietors:</b> are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.			
Х	Non-governmental organizations: broadly, any organization that is not part of the government			
	Covered Entity: as defined in <u>Section 37-60-126 Colorado Revised Statutes</u>			

	Type of Water Activity (check one)			
Χ	X Study			
	Implementation			

	Category of Water Activity (check all that apply)			
Х	Nonconsum	Nonconsumptive (Environmental)		
Х	Nonconsum	Nonconsumptive (Recreational)		
Х	Agricultural			
Х	Municipal/Industrial			
Х	Needs Assessment			
Х	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/Counties Clear Creek County, Jefferson County, and Adams County			
Latitude Downstream extent approximately 39.827° N			
Longitude Downstream extent approximately 104.951° W			

# Water Activity Overview

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

The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, and Schedule.

## Water Activity Overview

West Denver Trout Unlimited is leading the initial phase of an Integrated Water Management Plan (IWMP) for the Clear Creek Basin. Phase 1 of the Clear Creek IWMP will formalize the stakeholder group through outreach and engagement, define the purpose and scope of the project, research and document existing plans within the basin to identify common goals, and assess current conditions. Project participants anticipate additional phases of the project to identify, develop, and prioritize management actions envisioned during Phase 1.

The project is located within the Clear Creek watershed. Clear Creek is tributary to the South Platte River, Water District 7, Division 1.

The Clear Creek IWMP is an exploratory plan with a diverse stakeholder group representing agricultural users, municipal water use, industry, environmental and recreation, and the general community. Stakeholders will bring diverse expectations of the plan, which will lead to multi-objective goals and projects to develop a collaborative and inclusive management plan for the Clear Creek basin.

Measurable Results				
To catalog measurable results	To catalog measurable results achieved with WSRF funds please provide any of the following values.			
	New Sto	New Storage Created (acre-feet)		
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive			
	Existing Storage Preserved or Enhanced (acre-feet)			
	Length of Stream Restored or Protected (linear feet)			
	Efficiency Savings (indicate acre-feet/year OR dollars/year)			
	Area of Restored or Preserved Habitat (acres)			
	Length of Pipe/Canal Built or Improved (linear feet)			
Watershed and reach scale	Other	Explain: Project geographic scope TBD based on stakeholder participation and consensus		

## Water Activity Justification

Provide a description of how this water activity supports the goals of <u>Colorado's Water Plan</u>, the most recent <u>Statewide Water Supply Initiative</u>, and the respective <u>roundtable Basin Implementation Plan and Education Action Plan</u> (1). The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers).

For applications that include a request for funds from the Statewide Account, the proposed water activity shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan criteria for state support (CWP, Section 9.4, pp. 9-43 to 9-44;) (Also listed pp. 4-5 in 2020 WSRF Criteria and Guidelines).

## Water Activity Justification

The 2015 Colorado Water Plan (CWP) addresses environmental and recreation river health improvement opportunities through SMPs and IWMPs. The Clear Creek IWMP will meet CWP goals, specifically stated as "Colorado's Water Plan sets a measurable objective to cover 80 percent of the locally prioritized lists of rivers with stream management plans, and 80 percent of critical watersheds with watershed protection plans, all by 2030." (CWP Chap. 6, Sec. 6, page 178). The Clear Creek IWMP Phase 1 will provide stakeholders an opportunity to organize and develop common goals to improve the overall health of the watershed, build community collaboration and management in the Clear Creek corridor, develop recreational opportunities, and secure existing and future water uses.

The project builds on past MRT nonconsumptive needs efforts and meets the South Platte Basin Implementation Plan goal to "fully recognize the importance of, and support the development of environmental and recreational projects and multipurpose projects that support water availability for ecologically and economically important habitats and focus areas." (SPBIP Chap. 1, Sec. 9-7, page 1-28). The project also meets the environmental and recreation measurable outcomes to "protect and enhance economic values to local and statewide economies derived from environmental and recreational water uses, such as fishing, boating, waterfowl hunting, wildlife watching, camping, and hiking" (SPBIP Chap. 1, Sec. 9-7, page 1-28) and "protect, maintain, and improve conditions of streams, lakes, wetlands, and riparian areas to promote self-sustaining fisheries and functional riparian and wetland habitat to promote long-term sustainability." (SPBIP Chap. 1, Sec. 9-7, page 1-29).

The Analysis and Technical Update to the Colorado Water Plan Volume 1, Environmental and Recreational key results include "climate change and its impact on streamflow will be a primary driver of risk to E&R assets; projected future stream flow hydrographs in most locations across the state show earlier peaks and potentially drier conditions in the late summer months under scenarios with climate change; drier conditions in late summer months could increase risk to coldwater and warmwater fish due to higher water temperatures and reduced habitat. The degree of increased risk is related to the level of stream flow decline; instream flow rights and recreational in-channel diversion water rights may be met less often in climate-impacted scenarios." (Technical Update Vol. 1, page 42). The Clear Creek IWMP is an exploratory plan with a diverse stakeholder group representing agricultural users, municipal water use, industry, environmental and recreation, and the general community. The stakeholder group will bring diverse expectations of the plan, which will lead to multi-objective goals and projects including environmental and recreation components. Each group will bring focused goals and objectives to the IWMP process to develop a collaborative and inclusive management plan for the Clear Creek basin.

#### 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 2020 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)	
West Denver Trout Unlimited	\$5,000 cash match	

<sup>&</sup>lt;sup>1</sup> Access Basin Implementation Plans or Education Action Plans from Basin drop down menu.

Matching Requirements: Basin Account Requests				
Colorado Trout Unlimited	\$2,000 cash match			
West Denver Trout Unlimited	\$5,000 in-kind services			
CWCB Watershed Restoration Program Grant	\$22,000 grant			
Total Match	\$34,000			
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 2020 WSRF Criteria and Guidelines. At least of 10% of the required Statewide Account Grant request match shall be cash from Basin Account funds whether that is from one or multiple basins; and the remaining 40% of the required match may be provided from any source, including other grants, cash from the Basin Account, or any combination of cash, in-kind services, or in-kind materials.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):			
	NA			
Total Match	\$ NA			
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).				

# **Related Studies**

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

## **Related Studies**

Clear Creek Home Rivers White Paper prepared by John Snyder PhD., Conservation Director WDTU; Upper Clear Creek Watershed Plan Update, Upper Clear Creek Watershed Association February 2014; Clear Creek Watershed Wildfire Forest Health Plan, City of Golden; Clear Creek Watershed Report Exploring Watershed Sustainability, Clear Creek Watershed Foundation November 19, 2007; Clear Creek Ecosystem Health – Riparian and Aquatic Assessment, City of Golden 2013; High Peaks to Headwaters Watershed and Fisheries Restoration Environmental Assessment, Clear Creek Ranger District, Arapaho-Roosevelt National Forests, USFS March 2013; City of Golden Clear Creek Corridor Master Plan; Integrated Water Management Planning in the Colorado River Basin, Revised June 2018; Stakeholder Engagement Plan for the Yampa River Basin IWMP; St. Vrain & Left Hand Stream Management Plan; Yampa River Integrated Water Management Plan; Big Thompson River Envisioning Project; South Boulder Creek Stream Management Plan (Phase 1); Chatfield Reallocation Environmental Pool Stream Management Plan

## **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

West Denver Trout Unlimited has been awarded a \$22,000 grant from the Watershed Restoration Program approved at the January 2021 CWCB Board meeting.

# 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.

There are no TABOR issues that may affect this grant request.



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Colorado Water Conservation Board		
Water Supply Reserve Fund		
Exhibit A - Statement of Work		
Date:	December 1, 2020	
Water Activity Name:	Clear Creek Integrated Water Management Plan Phase 1	
Grant Recipient:	West Denver Trout Unlimited	
Funding Source:	Metro Roundtable WSRF basin account	

**Water Activity Overview:** (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. (PLEASE DEFINE ALL ACRONYMS).

West Denver Trout Unlimited is leading the initial phase of an Integrated Water Management Plan (IWMP) for the Clear Creek Basin. Phase 1 of the Clear Creek IWMP will develop a stakeholder group to collaboratively develop project concepts to enhance environmental resources and recreational assets, protect existing water rights, and to promote sustainable watershed health practices.

The Clear Creek IWMP is an exploratory plan with a diverse stakeholder group representing agriculture, municipal water use, industry, environmental and recreation, and the general community. Stakeholders will bring diverse expectations of the plan, which will lead to multi-objective goals and projects to develop a collaborative and inclusive management plan for the project geographic scope. The project is located within the Clear Creek watershed in Water District 7, Division 1.

Phase 1 tasks include: 1.) stakeholder outreach, engagement, and consensus building; development of the geographic scope; development of scope and mutually beneficial goals and objectives; 2.) documentation of participant expectations, project concepts, and desired outcomes; 3.) documentation, synthesis, and identification of gaps between existing plans within the basin; and 4.) high-level assessment of current conditions within the identified project location. Request WSRF funds specifically will be used for Tasks 2, 3, and 4.

# **Objectives:** (List the objectives of the project. (PLEASE DEFINE ACRONYMS).

Phase 1 of the Clear Creek IWMP Phase 1 objectives include:

- Outreach to basin stakeholders and general public to gain additional appropriate project participation
- Facilitate meetings, develop working relationships, set regular meeting schedule, and formation of formal stakeholder group
- Identification of stakeholder project expectations and decision-making structure
- Develop clear and common project goals and objectives
- Formalize project understanding and expected outcomes
- Research, document, and synthesize past and current master plans, resource management plans, and other river management efforts to identify common goals and overlapping themes
- Inventory and assess current biological, geomorphological, and hydrologic conditions, water rights and infrastructure, river access and other attributes within the project location



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## Tasks

Provide a detailed description of each task using the following format: (PLEASE DEFINE ACRONYMS)

# Task 1 - Stakeholder engagement

## Description of Task:

Professional neutral facilitation services and volunteer efforts to coordinate, facilitate, and manage stakeholder meetings. Professional facilitation services and volunteer efforts will include: communicating and understanding participants interests; develop operating protocols and methods of communication; conflict identification and resolution; gathering community input; develop project goals and objectives; discussing key issues and challenges; development of geographic scope; and building project consensus.

#### Method/Procedure:

The facilitator and project participants will set regular meetings and agenda. The neutral facilitator will manage meetings to achieve efficient results and build consensus among stakeholders. Through meetings and respectful communication, project participants will develop an understanding of individual concerns, key issues, and project concept outcomes. WDTU staff and project participants will continue stakeholder outreach to appropriate project participants within the basin. The geographic scope will be specifically identified once we have formally developed the stakeholder group and identified locations of interest to the group.

Grantee Deliverable: (Describe the deliverable the grantee expects from this task)

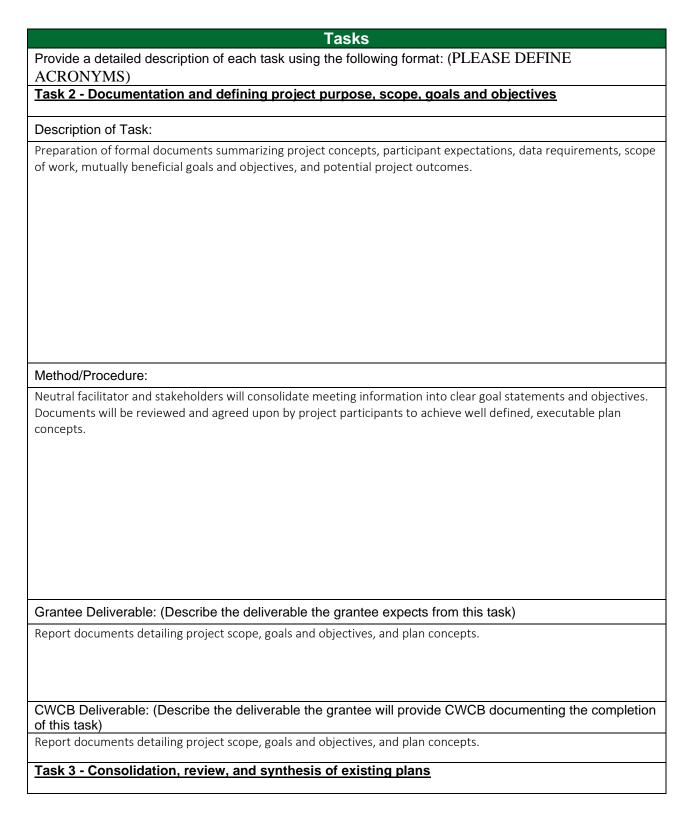
Report meeting agenda, project participant attendance, meeting notes, and meeting summary documents.

CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)

Summary report of meeting agenda, project participant attendance, and meeting summary documents.



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## Tasks

# Description of Task:

Inventory, synthesize, and document existing and planned project information to centralize efforts which work toward meeting common environmental and recreation goals within the geographic scope of the project. Identify key concepts, overlapping geospatial efforts and gaps between efforts, stakeholders and potential partnering opportunities, and interpretation of how projects may work toward meeting the overall project goals.

## Method/Procedure:

The project team will consolidate and document existing plans within the geographic scope. Plans will include Stream Management Plans, Watershed Management Plans, studies, agreements, major water rights, restoration activities, protection efforts, and other documents that include an environmental and/or recreational component. Water rights and infrastructure information will be documented and summarized. Review project plans and implementation strategies including general locations, sections of river included in the plan, stakeholders and project proponents, project purpose and goals, project resources, and status of project implementation.

# Grantee Deliverable: (Describe the deliverable the grantee expects from this task)

Report documenting current efforts in the project location for environmental and/or recreational benefits. Work product may include map figures showing project location and geospatial information if budget allows.

# CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)

Report documenting current efforts in the project location for environmental and/or recreational benefits. Work product may include map figures showing project location and geospatial information if budget allows.

## Task 4 - Assessment of current conditions

## Description of Task:

Planning and high-level assessment of current conditions within the geographic scope including water user needs and infrastructure; major water rights; existing biological, hydrological, and geomorphological conditions; river access; regulatory considerations; and stream health.

## Method/Procedure:

The project team will hire a professional engineering firm to research existing baseline data and parallel efforts to obtain existing information within and possibly upstream of the project location. The desktop analysis will document current hydrologic, geomorphic, riparian corridor, aquatic habitat, and water quality conditions within the project location to provide information that will be utilized in subsequent phases of the project to identify and prioritize reaches and project locations. Existing data may include: hydrologic, geomorphic, and ecologic assessments; aerial imagery; fisheries data; invasive species data; diversion infrastructure conditions; water rights information; stream gauge data; and riparian mapping. Additional information from stakeholder interviews may include dry up points, recreational opportunities, availability of water for irrigation diversions and storage, flood frequency, and others.

Grantee Deliverable: (Describe the deliverable the grantee expects from this task)



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#### **Tasks**

Data and report of existing conditions focused on attributes that will be necessary to determine subsequent phases of the project.

CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)

Data and report of existing conditions focused on attributes that will be necessary to determine subsequent phases of the project.

# **Budget and Schedule**

**Exhibit B - Budget and Schedule:** This Statement of Work shall be accompanied by a combined <u>Budget and Schedule</u> 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**

**Progress Reports:** 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.

**Final Report:** At completion of the project, the grantee shall provide the CWCB a Final Report on the grantee's letterhead that:

- 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 <u>entire</u> 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:



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	Performance Requirements



https://cwcb.colorado.gov/

Colorado Water Conservation Board		
Water Supply Reserve Fund		
Exhibit A - Statement of Work		
Date:	December 1, 2020	
Water Activity Name:	Clear Creek Integrated Water Management Plan Phase 1	
Grant Recipient:	West Denver Trout Unlimited	
Funding Source:	Metro Roundtable WSRF basin account	

**Water Activity Overview:** (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. (PLEASE DEFINE ALL ACRONYMS).

West Denver Trout Unlimited is leading the initial phase of an Integrated Water Management Plan (IWMP) for the Clear Creek Basin. Phase 1 of the Clear Creek IWMP will develop a stakeholder group to collaboratively develop project concepts to enhance environmental resources and recreational assets, protect existing water rights, and to promote sustainable watershed health practices.

The Clear Creek IWMP is an exploratory plan with a diverse stakeholder group representing agriculture, municipal water use, industry, environmental and recreation, and the general community. Stakeholders will bring diverse expectations of the plan, which will lead to multi-objective goals and projects to develop a collaborative and inclusive management plan for the project geographic scope. The project is located within the Clear Creek watershed in Water District 7, Division 1.

Phase 1 tasks include: 1.) stakeholder outreach, engagement, and consensus building; development of the geographic scope; development of scope and mutually beneficial goals and objectives; 2.) documentation of participant expectations, project concepts, and desired outcomes; 3.) documentation, synthesis, and identification of gaps between existing plans within the basin; and 4.) high-level assessment of current conditions within the identified project location. Request WSRF funds specifically will be used for Tasks 2, 3, and 4.

# **Objectives:** (List the objectives of the project. (PLEASE DEFINE ACRONYMS).

Phase 1 of the Clear Creek IWMP Phase 1 objectives include:

- Outreach to basin stakeholders and general public to gain additional appropriate project participation
- Facilitate meetings, develop working relationships, set regular meeting schedule, and formation of formal stakeholder group
- Identification of stakeholder project expectations and decision-making structure
- Develop clear and common project goals and objectives
- Formalize project understanding and expected outcomes
- Research, document, and synthesize past and current master plans, resource management plans, and other river management efforts to identify common goals and overlapping themes
- Inventory and assess current biological, geomorphological, and hydrologic conditions, water rights and infrastructure, river access and other attributes within the project location



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## Tasks

Provide a detailed description of each task using the following format: (PLEASE DEFINE ACRONYMS)

# Task 1 - Stakeholder engagement

## Description of Task:

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#### Method/Procedure:

The facilitator and project participants will set regular meetings and agenda. The neutral facilitator will manage meetings to achieve efficient results and build consensus among stakeholders. Through meetings and respectful communication, project participants will develop an understanding of individual concerns, key issues, and project concept outcomes. WDTU staff and project participants will continue stakeholder outreach to appropriate project participants within the basin. The geographic scope will be specifically identified once we have formally developed the stakeholder group and identified locations of interest to the group.

Grantee Deliverable: (Describe the deliverable the grantee expects from this task)

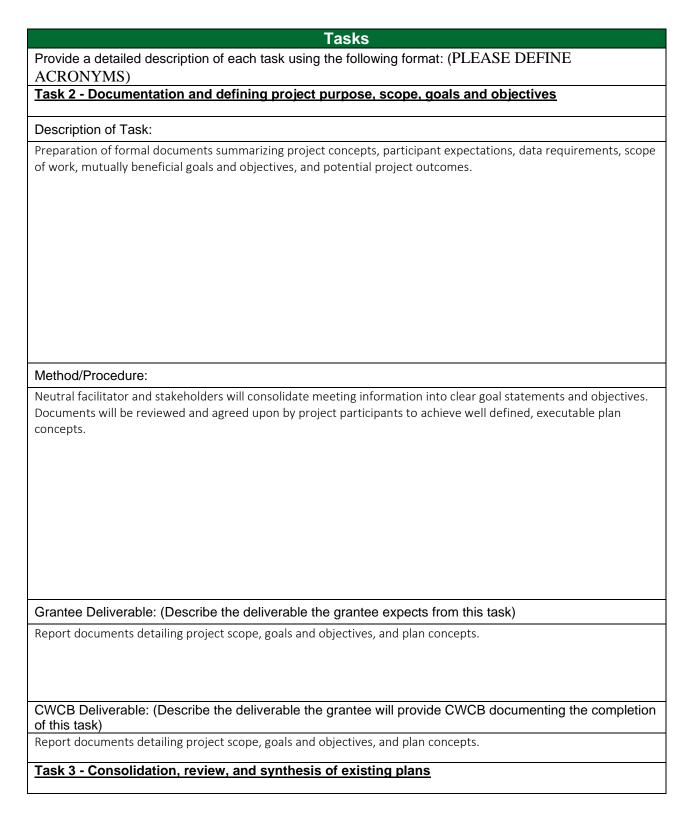
Report meeting agenda, project participant attendance, meeting notes, and meeting summary documents.

CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)

Summary report of meeting agenda, project participant attendance, and meeting summary documents.



https://cwcb.colorado.gov/





https://cwcb.colorado.gov/

## Tasks

# Description of Task:

Inventory, synthesize, and document existing and planned project information to centralize efforts which work toward meeting common environmental and recreation goals within the geographic scope of the project. Identify key concepts, overlapping geospatial efforts and gaps between efforts, stakeholders and potential partnering opportunities, and interpretation of how projects may work toward meeting the overall project goals.

## Method/Procedure:

The project team will consolidate and document existing plans within the geographic scope. Plans will include Stream Management Plans, Watershed Management Plans, studies, agreements, major water rights, restoration activities, protection efforts, and other documents that include an environmental and/or recreational component. Water rights and infrastructure information will be documented and summarized. Review project plans and implementation strategies including general locations, sections of river included in the plan, stakeholders and project proponents, project purpose and goals, project resources, and status of project implementation.

# Grantee Deliverable: (Describe the deliverable the grantee expects from this task)

Report documenting current efforts in the project location for environmental and/or recreational benefits. Work product may include map figures showing project location and geospatial information if budget allows.

# CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)

Report documenting current efforts in the project location for environmental and/or recreational benefits. Work product may include map figures showing project location and geospatial information if budget allows.

## Task 4 - Assessment of current conditions

## Description of Task:

Planning and high-level assessment of current conditions within the geographic scope including water user needs and infrastructure; major water rights; existing biological, hydrological, and geomorphological conditions; river access; regulatory considerations; and stream health.

## Method/Procedure:

The project team will hire a professional engineering firm to research existing baseline data and parallel efforts to obtain existing information within and possibly upstream of the project location. The desktop analysis will document current hydrologic, geomorphic, riparian corridor, aquatic habitat, and water quality conditions within the project location to provide information that will be utilized in subsequent phases of the project to identify and prioritize reaches and project locations. Existing data may include: hydrologic, geomorphic, and ecologic assessments; aerial imagery; fisheries data; invasive species data; diversion infrastructure conditions; water rights information; stream gauge data; and riparian mapping. Additional information from stakeholder interviews may include dry up points, recreational opportunities, availability of water for irrigation diversions and storage, flood frequency, and others.

Grantee Deliverable: (Describe the deliverable the grantee expects from this task)



https://cwcb.colorado.gov/

#### **Tasks**

Data and report of existing conditions focused on attributes that will be necessary to determine subsequent phases of the project.

CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)

Data and report of existing conditions focused on attributes that will be necessary to determine subsequent phases of the project.

# **Budget and Schedule**

**Exhibit B - Budget and Schedule:** This Statement of Work shall be accompanied by a combined <u>Budget and Schedule</u> 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**

**Progress Reports:** 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.

**Final Report:** At completion of the project, the grantee shall provide the CWCB a Final Report on the grantee's letterhead that:

- 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 <u>entire</u> 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:



https://cwcb.colorado.gov/

# **Performance Requirements**

- (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 inkind 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 Water Conservation Board**

#### Water Supply Reserve Fund

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

Date: December 1, 2020

Water Activity Name: Clear Creek Integrated Water Management Plan Phase 1

Grantee Name: West Denver Trout Unlimited

Task No. <sup>(1)</sup>	<u>Description</u>	<u>Start Date<sup>(2)</sup></u>	End Date	Matching Funds (cash & in-kind) <sup>(3)</sup>	WSRF Funds (Basin & Statewide combined) <sup>(3)</sup>	<u>Total</u>
1	Professional facilitation services to coordinate and manage stakeholder meetings. Professional facilitation services to discuss participants interests, develop operating protocols and methods of communication, conflict resolution, gather community input, facilitate discussions towards developing goals and objectives, potential project outcomes and challenges, development of geographic scope, build consensus	January 31, 2021	April 30, 2021	\$16,000 from CWRP grant funds if awarded and \$4,000 from cash match \$20,000 TOTAL	\$0 WSRF funds will not be available during this phase of work	\$20,000
	Prepartation of formal documents summarizing project concepts, participant expectations, desired outcomes, data requirements, mutually beneficial goals and objectives	May 1, 2021	May 31, 2021	\$2,000 from CWRP grant funds if awarded and \$1,000 cash match \$3,000 TOTAL	\$1,000	\$4,000
3	Review and synthesis of existing plans within the geographic scope of the project	June 1, 2021	July 31, 2021	\$1,000 from CWRP grant funds if awarded, \$500 cash match, \$1,000 in-kind \$2,500 TOTAL	\$500	\$3,000
4	Planning and high level assessment of current conditions within the geographic scope including water user needs and infrastructure; existing biological, hydrological, and geomorphological conditions; regulatory considerations; and stream health	August 1, 2021	September 30, 2021	\$3,000 CWRP grant funds if awarded, \$1,500 cash match, and \$4,000 in-kind \$8,500 TOTAL	\$8,500	\$17,000

| Total | \$34,000 | \$10,000 | \$44,000

(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) 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.

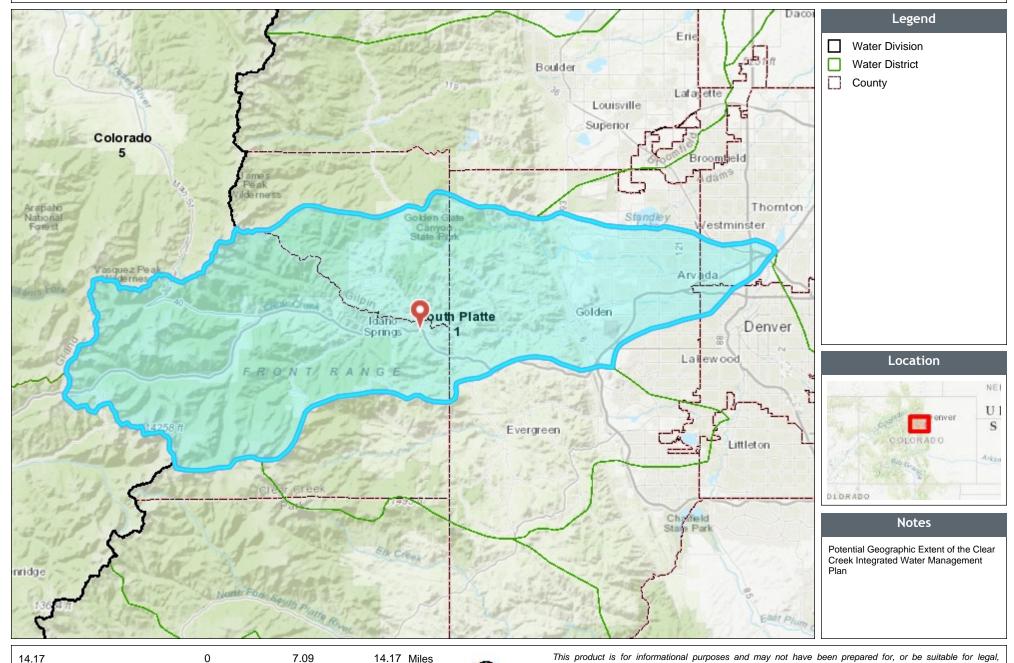
The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of the CWCB staff project manager. Once the Final Report has been accepted, the final payment has been issued, the water activity and purchase order (PO) or contract will be closed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

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



1: 449,028

# **Clear Creek Basin**



Date Prepared: 11/28/2020 4:46:07 PM

engineering, or surveying purposes. Users of this information should review or consult the primary data and

information sources to ascertain the usability of the information.

Clear Creek Canyon







November 20, 2020

Kevin Reidy, Water Conservation Specialist Water Supply Planning Section, Colorado Water Conservation Board 1313 Sherman St., Room 721 Denver, CO 80203

Re: Metro Roundtable Letter of Support for the Clear Creek Integrated Water Management Plan Phase 1 WSRF Grant Request

Dear Kevin,

The West Denver chapter of Trout Unlimited (WDTU) has submitted a Water Supply Reserve Fund grant application requesting \$10,000 from the Metro Roundtable basin account. The Metro Roundtable (MRT) unanimously approved the WDTU request at the November 12, 2020 meeting and supports the Clear Creek Integrated Water Management Plan (IWMP) Phase 1.

The Clear Creek IWMP is an exploratory plan which will collaboratively identify and support watershed health actions that will promote the Clear Creek community's values, economic demands, and diverse water uses while respecting private property and water rights. Tasks included in Phase 1 of the Clear Creek IWMP include: stakeholder outreach, engagement, and consensus building; development of the geographic scope; development of plan goals and objectives; documentation and synthesis of existing plans within the basin; and a high level assessment of current conditions within the identified project location.

The MRT believes this project is an opportunity to contribute to the State's efforts to promote healthy river systems and to protect water rights, while advancing watershed health and recreation opportunities upstream and within the MRT boundaries. The Clear Creek IWMP will support the 2015 Colorado Water Plan (CWP) goals, specifically stated as "Colorado's Water Plan sets a measurable objective to cover 80 percent of the locally prioritized lists of rivers with stream management plans, and 80 percent of critical watersheds with watershed protection plans, all by 2030."

The project builds on past MRT nonconsumptive needs efforts and supports the South Platte Basin Implementation Plan goal to "fully recognize the importance of, and support the development of environmental and recreational projects and multipurpose projects that support water availability for ecologically and economically important habitats and focus areas." The project also meets the environmental and recreation measurable outcomes to "protect and enhance economic values to local and statewide economies derived from environmental and recreational water uses, such as fishing, boating, waterfowl hunting, wildlife watching, camping, and hiking" and "protect, maintain, and improve conditions of streams, lakes, wetlands, and riparian areas to promote self-sustaining fisheries and functional riparian and wetland habitat to promote long-term sustainability."

The MRT fully supports Phase 1 of the Clear Creek IWMP and approves the \$10,000 WSRF grant request.

Respectfully,

Barbara Biggs, Chair Metro Basin Roundtable November 20, 2020

Kevin Reidy, Water Conservation Specialist Water Supply Planning Section, Colorado Water Conservation Board 1313 Sherman St., Room 721 Denver, CO 80203

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Respectfully,

Barbara Biggs, Chair Metro Basin Roundtable



West Denver Chapter Trout Unlimited 385 Flora Way Golden Co. 80401

**Officers** President **Ed Calmus**  Mr. Chris Sturm Colorado Water Conservation Board 1313 Sherman St, Room 721 Denver, Co 80203

Past President Jackie Edwards

Dear Mr. Sturm,

Secretary Ashley Giles

I am writing to confirm West Denver TU's financial commitment of up to \$5,000 in cash funds to match grant receipt requirements. This commitment has the unanimous support of our Board of Directors.

**Treasurer** Matt Rivera

> As you may know, West Denver TU has a long and proud history of successful conservation projects, from the restoration of a mile of Clear Creek in Golden 11 years ago (the Golden Mile Project), to last year's repair of stream improvements at Mayhem Gulch. We were also instrumental in the re-introduction of greenback cutthroat trout in Herman Creek, a Clear Creek tributary.

# **Directors**

Advertising Jon Weimer Anglers' Edge Mark Shulman Chapter Counsel Bruce Ducker Conservation Keith Greenwell

With your support we will continue to conserve, protect, and restore the Clear Creek watershed.

Education Tim Toohey **Communications** 

Sincerely,

Dan Sullivan Fantasy Raffle **Bob Clark** Fly Tying Clinic Ed Calmus

Fly Tyers' Night Out **Ed Calmus** 

Tim Toohey

Meeting Programs Tim Toohey

Membership

Linda Miyamoto

River Watch Dennis Wiles

Webmaster Cy Ball

President, West Denver Chapter of Trout Unlimited

November 4, 2020

Colorado Water Conservation Board ATTN: Chris Sturm 1313 Sherman St., Room 721 Denver, CO 80203

RE: Clear Creek Stream Management Plan

Dear Mr. Sturm:

On behalf of Colorado Trout Unlimited, I am pleased to write in support of the West Denver Chapter's proposal for initiating a Stream Management Plan on Clear Creek.

COLORADO

Clear Creek is an important tributary to the South Platte both in meeting water supply needs for local communities and as a major environmental amenity that supports a wide range of natural resources including wild and native trout populations. Clear Creek also supports the area's outdoor recreation economy through activities including rafting and kayaking, fishing, and a river-spanning trail for biking, running and community enjoyment along the corridor.

In other Stream Management Plans, we've seen that two essential ingredients for success are effectively engaging a watershed's key stakeholders, and having (or generating) solid information to inform discussion and planning. Those two elements are at the heart of the Clear Creek proposal and will help set the stage for a robust planning effort going forward that will ultimately help generate collaborative opportunities for addressing flow, habitat and water quality challenges within the watershed.

West Denver Trout Unlimited is well situated to help launch this planning effort, having a successful history of engagement on conservation projects with other partners from the City of Golden and Jefferson County to the USDA Forest Service and the Upper Clear Creek Watershed Association. The chapter has conducted water quality monitoring, native trout restoration, and habitat improvement projects within the Clear Creek basin and has built a strong reputation as a valued local steward of the watershed.

In support of the chapter's work on this first stage of Stream Management Planning for Clear Creek, Colorado TU has pledged \$2,000 in cash match as well as in-kind staff assistance where needed to leverage existing CTU relationships that may be helpful in the planning effort.

For the reasons stated above, we fully support the grant application by West Denver Trout Unlimited for initiating a Clear Creek Stream Management Plan, and encourage your favorable consideration of the proposal.

Sincerely,

David Nickum
Executive Director

Colorado Trout Unlimited

1536 Wynkoop Street, Suite 320, Denver, CO 80202 303-440-2937 www.coloradotu.org