

**Water Supply Reserve Fund – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**March 21-22, 2018**  
**Agenda Item 25(f)**

**Applicant & Grantee:** St. Vrain & Left Hand Water Conservancy District  
**Water Activity Name:** St. Vrain & Left Hand Water Stream Management Plan  
**Water Activity Purpose:** Multipurpose (Rec/Needs Assessment/Ed&Outreach) – Study  
**County:** Boulder & Weld  
**Drainage Basin:** South Platte  
**Water Source:** St. Vrain  
**Amount Requested:** \$50,000 South Platte Basin Account  
**Matching Funds:** Applicant Match (cash & in-kind) = \$249,500  
 • 500% of the Basin Account request (meets 10% min)

**Staff Recommendation:**

Staff recommends approval of up to \$50,000 from the South Platte Basin Account to help fund the project titled: St. Vrain & Left Hand Water Stream Management Plan.

**Water Activity Summary:** WSRF grant funds, if approved, will assist the district develop a Stream Management Plan (SMP). The overall goal of the SMP is to build upon the extensive studies that have already taken place in the basin to collaboratively identify projects and management strategies that will transition stakeholders from flood recovery to stream health projects that improve environmental conditions in the river while also meeting water users’ current and future needs and are aligned with private property rights and the prior appropriation system. The St. Vrain Creek watershed is critical to maintaining the health, biodiversity, character, and economy of communities within the region, including Lyons and Longmont. The creek is home to a diverse population of native fish, receives Colorado River transmountain water, hosts one of the country’s largest outdoor games, has its headwaters in Rocky Mountain National Park and the Indian Peaks Wilderness, and its confluence in a county that is the largest agricultural economic producing county in Colorado. With such a wide range of uses and an intense focus of study, the St. Vrain poses an excellent opportunity to balance river health with water users’ needs through completion of a stream management plan.

**Discussion:** This effort assists the South Platte Basin Roundtable satisfy their Environmental and Recreational 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.”, as called out in the South Platte Basin Implementation Plan while also assisting the state in meeting several of the Critical Goals and Actions of Colorado’s Water Plan, such as: “Develop stream management plans for priority streams (identified in a BIP or otherwise) as having environmental or recreational value”.

**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:**

<b><u>Funding Source</u></b>	<b><u>Cash</u></b>	<b><u>In-kind</u></b>	<b><u>Total</u></b>	<b><u>Status</u></b>
Colorado Watershed Restoration Program Grant	\$150,000	\$0	\$150,000	Secured
St. Vrain & Left Hand Water Conservancy District	\$50,000	\$0	\$85,500	Secured
County of Boulder	\$17,500	\$0	\$17,500	Pending
City of Longmont	\$17,500	\$0	\$17,500	Pending
American Whitewater	\$0	\$7,000	\$7,000	Secured
Trout Unlimited	\$5,000	\$0	\$5,000	Secured
JBL Engineering	\$2,500	\$0	\$2,500	Secured
<b>Subtotal</b>	\$242,500	\$7,000	\$249,500	
WSRF South Platte Basin Account	\$50,000	n/a	\$50,000	
<b>Total Project Costs</b>	\$292,500	\$7,000	\$299,500	

**CWCB Project Manager:** Chris Sturm

South Platte Basin Roundtable  
Garrett Varra, Chair  
gvarra@varracompanies.com

January 19<sup>th</sup>, 2018

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

Subject: St. Vrain and Left Hand Water Conservancy District – St. Vrain and Left Hand Stream Management Plan WSRF Grant Application

Dear Mr. Godbout,

The South Platte Basin Roundtable approved funding of \$50,000.00 from the basin fund to the Saint Vrain and Left Hand Water Conservancy District for the Saint Vrain and Left Hand Stream Management Plan. The project was reviewed by the Roundtable on January 9<sup>th</sup>, 2018 at the monthly meeting. There was a quorum of members present at the meeting. The project does not request funding from the statewide account.

The project will create a Stream Management Plan (SMP). The overall goal of the SMP is to build upon the extensive studies that have already taken place in the basin to collaboratively identify projects and management strategies that will transition stakeholders from flood recovery to stream health projects that improve environmental conditions in the river while also meeting water users' current and future needs and are aligned with private property rights and the prior appropriation system.

The completed grant application will be forwarded directly to you by the applicant. Please contact the applicant directly or me at 720-272-2857 – [gvarra@varracompanies.com](mailto:gvarra@varracompanies.com), if you have any comments or questions.

Sincerely,



Garrett Varra



Last Update: August 3, 2017

**Colorado Water Conservation Board**  
**Water Supply Reserve Fund**  
**Grant Application**

**Instructions**

All WSRF grant applications shall conform to the current [2016 WSRF Criteria and Guidelines](#).

To receive funding from the WSRF, a proposed water activity must be approved by a Roundtable(s) **AND** the Colorado Water Conservation Board (CWCB). The process for Roundtable consideration and recommendation is outlined in the 2016 WSRF Criteria and Guidelines. The CWCB meets bimonthly according to the schedule on page 2 of this application.

If you have questions, please contact the current CWCB staff Roundtable liaison:

<p><b>Arkansas</b></p> <p>Ben Wade  <a href="mailto:ben.wade@state.co.us">ben.wade@state.co.us</a>          303-866-3441 x3238</p>	<p><b>Gunnison   North Platte            South Platte   Yampa/White</b></p> <p>Craig Godbout  <a href="mailto:craig.godbout@state.co.us">craig.godbout@state.co.us</a>          303-866-3441 x3210</p>	<p><b>Colorado   Metro   Rio Grande            Southwest</b></p> <p>Megan Holcomb  <a href="mailto:megan.holcomb@state.co.us">megan.holcomb@state.co.us</a>          303-866-3441 x3222</p>
--	--	---

**WSRF Submittal Checklist (Required)**

X	I acknowledge this request for funding was recommended for CWCB approval by the sponsoring Basin Roundtable(s).
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>
Exhibit A	
X	<a href="#">Statement of Work</a> <sup>(2)</sup> (Word – see Exhibit A Template)
X	<a href="#">Budget &amp; Schedule</a> <sup>(2)</sup> (Excel Spreadsheet – see Exhibit A Template)
	Letters of Matching and/or Pending 3 <sup>rd</sup> Party Commitments <sup>(2)</sup>
Exhibit C	
	Map <sup>(2)</sup>
	Photos/Drawings/Reports
	Letters of Support
	Certificate of Insurance <sup>(3)</sup> (General, Auto, & Workers' Comp.)
Contracting Documents	
	Certificate of Good Standing <sup>(3)</sup>
	W-9 <sup>(3)</sup>
	Independent Contractor Form <sup>(3)</sup> (If applicant is individual, not company/organization)
	Electronic Funds Transfer (ETF) Form <sup>(3)</sup>

(1) Click "Grant Agreements". For reference only/do not fill out or submit/required for contracting

(2) Required with application if applicable.

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



Last Update: August 3, 2017

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:	March
Desired Notice to Proceed Date:	July

Water Activity Summary	
Name of Applicant	St. Vrain and Left Hand Water Conservancy District
Name of Water Activity	St. Vrain and Left Hand Stream Management Plan
Approving Roundtable(s)	Basin Account Request(s) <sup>(1)</sup>
South Platte Basin Roundtable	\$50,000
Basin Account Request Subtotal	\$50,000
Statewide Account Request <sup>(1)</sup>	\$0.00
Total WSRF Funds Requested (Basin & Statewide)	\$50,000
Total Project Costs	\$300,000

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



Last Update: August 3, 2017

Grantee and Applicant Information	
Name of Grantee(s)	St. Vrain and Left Hand Water Conservancy District
Mailing Address	9595 Nelson Road, Suite 203, Longmont CO 80501
FEIN	84-6113250
Grantee's Organization Contact <sup>(1)</sup>	Sean Cronin
Position/Title	Executive Director
Email	<a href="mailto:sean.cronin@svlhxcd.org">sean.cronin@svlhxcd.org</a>
Phone	303-772-4060
Grant Management Contact <sup>(2)</sup>	Sean Cronin
Position/Title	Executive Director
Email	<a href="mailto:sean.cronin@svlhxcd.org">sean.cronin@svlhxcd.org</a>
Phone	303-772-4060
Name of Applicant (if different than grantee)	
Mailing Address	
Position/Title	
Email	
Phone	

**(1)** Person with signatory authority

**(2)** Person responsible for creating reimbursement invoices (Invoice for Services) and corresponding with CWCB staff.

Description of Grantee
Provide a brief description of the grantee's organization (100 words or less).
<p>The St. Vrain and Left Hand Water Conservancy District was formed in 1971 to develop, manage and protect water resources in the Longmont area by providing cutting edge water education, acting as stewards for a very precious natural resource, helping people and governmental agencies find creative solutions to meet their water needs, fighting threats to local water supplies and protect existing water rights, and ensuring high quality water is available for future generations.</p>



Last Update: August 3, 2017

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.
x	<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.
	<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)		
	Nonconsumptive (Environmental)	
x	Nonconsumptive (Recreational)	
	Agricultural	
	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, Weld
Latitude	40.167207
Longitude	-105.101927



Last Update: August 3, 2017

**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.

The St. Vrain Creek watershed is critical to maintaining the health, biodiversity, character, and economy of communities within the region, including Lyons and Longmont. The creek is home to a diverse population of native fish, receives Colorado River transmountain water, hosts one of the country's largest outdoor games, has its headwaters in Rocky Mountain National Park and the Indian Peaks Wilderness, and its confluence in a county that is the largest agricultural economic producing county in Colorado. With such a wide range of uses and an intense focus of study, the St. Vrain poses an excellent opportunity to balance river health with water users' needs through completion of a stream management plan.

The District will lead the development of a Stream Management Plan (SMP). The overall goal of the SMP is to build upon the extensive studies that have already taken place in the basin (see Exhibit B) to collaboratively identify projects and management strategies that will transition stakeholders from flood recovery to stream health projects that improve environmental conditions in the river while also meeting water users' current and future needs and are aligned with private property rights and the prior appropriation system.

**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)	
	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	
X	Other	Explain: Phase 1 study to determine flow needs for environmental and recreation.



Last Update: August 3, 2017

### 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](#)).

Colorado's Water Plan ("CWP") sets a measurable objective to cover 80 percent of the locally prioritized lists of rivers with stream management plans (10-7). CWP used the South Platte Basin Implementation Plan ("BIP") to help inform this measurable objective. The South Platte BIP studied a reach of St. Vrain Creek for environmental and recreational opportunities and concluded streamflows may be present to achieve environmental and recreational outcomes. However, the BIP further concluded "studies that relate the channel form and function to the streamflows can make assessment of flows in the area more robust". Moreover the BIP further states, in recognition of the significant post-flood stream restoration activities "assessments should be made regarding the requirements of aquatic and riparian ecosystems in the area...". (4-44 to 4-62)

The St. Vrain Creek Watershed has unique aquatic ecosystems which provide distinct challenges and opportunities. As an example, a 2010 Colorado Parks and Wildlife inventory found that St. Vrain Creek outranks all other South Platte tributaries in the number of native fish species at 17, with 3 listed as Colorado species of concern. Though the St. Vrain hosts the largest diversity, the number of species has declined and many believe altered habitat, flow regime, and stream fragmentation are possible reasons.

The BIP also concluded for the St. Vrain that "streamflows necessary for recreational needs should be assessed". Opportunities for flow improvements may be available. For example, the BIP referenced the St. Vrain as one of two tributaries to the South Platte River that have the largest annual potential for water availability (3-19), furthermore the St. Vrain and Left Hand Water Conservancy District owns a relatively senior water right, not currently in use, decreed for environmental and recreation purposes.

The September 2013 flood brought about a reenergized and expansive era of collaboration along with hundreds of millions of dollars for stream restoration. The collaborative flood recovery created a greater level of trust and partnership amongst water users, and many now want to transition to discussions of water management activities that can maximize post-flood projects to further benefit environmental, recreational, agricultural and domestic uses. A SMP appears to many stakeholders as a means to facilitate this transition.

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



Last Update: August 3, 2017

**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)
CWCB – Colorado Watershed Restoration Grant Fund (Cash)	\$150,000
St. Vrain and Left Hand Water Conservancy District (Cash)	\$50,000
St. Vrain and Left Hand Water Conservancy District (In-kind)	\$35,500
American Whitewater (In-kind)	\$7,000
Trout Unlimited – St. Vrain Anglers Chapter (Cash)	\$5,000
JLB Engineering (Cash)	\$2,500
<b>Total Match</b>	<b>\$250,000</b>
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):
<b>Total Match</b>	<b>\$</b>
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	



Last Update: August 3, 2017

### 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.

See Exhibit B

### 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

None

### 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.

On August 29, 2016 the District Board of Directors voted unanimously to adopt Resolution 2016-03 "calling for an election on the issue of a referred measure regarding the waiver of revenue limitations". Ballot Issue 4A was included in the November 2016 ballot for parts of Boulder, Weld and Larimer Counties and voters were asked:

WITHOUT INCREASING TAXES, SHALL THE ST. VRAIN AND LEFT HAND WATER CONSERVANCY DISTRICT BE AUTHORIZED TO COLLECT, RETAIN, AND SPEND ALL REVENUES AND OTHER FUNDS COLLECTED FROM ANY AND ALL REVENUE SOURCES, SUCH AS GRANTS, FEES, AND TAXES, STARTING IN 2017, TO ENABLE THE DISTRICT TO FULLY ACCOMPLISH ITS MISSION TO ENSURE SUFFICIENT WATER FOR LOCAL FOOD



COLORADO

Colorado Water  
Conservation Board

Department of Natural Resources

Last Update: August 3, 2017

PRODUCTION, RIVER RECREATION, THE STREAM ENVIRONMENT, AND HUMAN CONSUMPTION; AND SHALL THE REVENUES FROM ALL SUCH SOURCES BE COLLECTED, RETAINED, OR SPENT AS VOTER APPROVED REVENUE CHANGES AND AS AN EXEMPTION TO THE LIMITS WHICH WOULD OTHERWISE APPLY?

Over 61,000 voters responded to Issue 4A with 80% responding "yes".

## Exhibit B: Existing Studies

### *St. Vrain Creek – High Relevance*

- City of Longmont Button Rock Preserve Forest Stewardship Plan (2017)
- North St. Vrain - Post-disturbance sediment recovery: implications for watershed resilience (2017)
- South Platte Basin Implementation Plan Appendix D – Environmental and Recreational Assessment Methodology and Framework – West Sage (2015)
- St. Vrain Creek Watershed Masterplan, Baker (2014)
- Boulder County Comprehensive Plan (Environmental Resources Element and Supplemental Materials) – (2014)
- Hydrologic modeling for Boulder and St. Vrain Creeks – CWCB (2014)
- Post-Flood Analysis of Minor Storm Risks in St. Vrain Creek through Longmont (draft) – CH2M Hill (2014)
- City of Longmont Parks, Recreation, and Trails Master Plan (2014)
- Town of Lyons Sustainable River Corridor Action Plan (2014)
- City of Longmont St. Vrain Blueprint Planning Study (2014)
- Town of Lyons Recovery Action Plan - Colorado Floods (2013)
- Status of the Plains Topminnow – Colorado Parks and Wildlife (2012)
- Changes in range-wide distribution of plains topminnow *Fundulus sciadicus* – University of Nebraska (2012)
- Boulder County Parks and Open Space Water Policy - (2012)
- City of Longmont St. Vrain Creek Riparian Corridor Protection Plan (2010)
- Sandstone Ranch Reclamation Plan – GEI Consultants (2009)
- Survey of Critical Biological Resources in Boulder County, CO – Colorado Natural Heritage Program (2007-2008, 2009)
- Pella West (Marlatt Ponds) Hydrology Study – BCPOS (2009)
- South Platte Basin Roundtable, nonconsumptive needs assessment mapping (2009)
- South St. Vrain Creek - balance in the basin, phase II report: feasibility evaluation of flow restoration options – Colorado Water Trust (2009)
- Aquatic communities and selected water chemistry in St. Vrain Creek near the City of Longmont, Colorado, wastewater-treatment plant, (2005 and 2006)
- St. Vrain Trail Master Plan – BCPOS (2004)
- St. Vrain Creek Corridor Open Space Management Plan – BCPOS (2004)
- North St. Vrain - Reach-scale channel geometry of a mountain river (2004)
- *Spiranthes diluvialis*: Habitat Assessment and Survey Report – BCPOS (2001)
- St. Vrain Creek Greenway Master Plan – City of Longmont and Design Workshop (2001)
- Environmental Assessment: South St. Vrain Creek – BCPOS (2000)
- Boulder County Comprehensive Plan (2nd Edition) – (1999)

### *Left Hand Creek – High Relevance*

- Left Hand Creek Watershed Masterplan – AMEC (2014)
- Watershed Management Plan for the Upper Lefthand Creek Watershed (2005)
- Town of Jamestown Stream Corridor Master Plan Technical Memorandum
- Draft Hydrologic Evaluation of the Lefthand Creek Watershed Post September 2013 Flood Event

*Both St. Vrain Creek and Left Hand Creek – High Relevance*

- Colorado hazard mapping program, hydrologic analysis technical support data notebook for the St. Vrain watershed, AECOM (2016)
- Effects of habitat complexity loss on eastern slope Rocky Mountain brook trout populations (2016)
- Keep it Clean Partnership - St. Vrain basin watershed-based plan: Boulder Creek, St. Vrain Creek and tributaries (2015)
- Hydrology Investigation: Phase One – 2013 Flood Peak Flow Determinations – CDOT/CWCB (2014)
- Boulder County Natural Hazard Mitigation Plan (2013)
- Boulder County Comprehensive Plan – Environmental Resources Element and Supplemental Materials (2013)
- BCPOS Riparian Inventory and Assessment (2009)
- Boulder County Multi-Hazard Mitigation Plan (2008)
- South Platte river system in Colorado hydrology, development and management issues – Colorado Water Resources Research Institute (1990)
- Colorado Department of Public Health and Environment TMDL

*St. Vrain Creek – Unknown Relevance*

- Leaky rivers: implications of the loss of longitudinal fluvial disconnectivity in headwater streams (2014)
- Hall Ranch Meadows Natural Resource Assessment – BCPOS (2005)
- Mining Areas – BCPOS (2004)
- Keyes Property Rapid Assessment Report – BCPOS (2002)
- BCPOS Braly Property Rapid Assessment Report (2001)
- Resource Assessment Report: Custode Property – BCPOS (2001)
- Ramey Homestead Property - Rapid Environmental Site Assessment – BCPOS (2001)
- Conservation Handbook on the Preble's Meadow Jumping Mouse – BCPOS (2000)
- Habitat Conservation for Birds of Prey on Western Mobile Boulder Inc. Lyons Property – BCPOS (1997)
- Habitat Use by Breeding Birds on Western Mobile Inc. Lyons Property – Boulder County Parks and Open Space (1997)
- Third Year Survey for Preble's Meadow Jumping Mouse in Colorado – BCPOS (1997)
- North Foothills Open space Management Plan (1996)

*Left Hand Creek – Unknown Relevance*

- Leaky rivers: implications of the loss of longitudinal fluvial disconnectivity in headwater streams (2014)
- Lefthand creek watershed, use of NPL as catalyst for abandoned mine cleanup – EPA (2003)



Last Update: October 24, 2017

<b>Colorado Water Conservation Board</b>	
<b>Water Supply Reserve Fund</b>	
<b><u>Exhibit A - Statement of Work</u></b>	
<b>Date:</b>	11/01/17
<b>Water Activity Name:</b>	St. Vrain and Left Hand Stream Management Plan
<b>Grant Recipient:</b>	St. Vrain and Left Hand Water Conservancy District
<b>Funding Source:</b>	\$50,000 SP Basin Funds with an additional \$57,500 cash, and \$42,500 in-kind, and \$150,000 from another CWCB Grant
<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>The St. Vrain Creek watershed is critical to maintaining the health, biodiversity, character, and economy of communities within the region, including Lyons and Longmont. The creek is home to a diverse population of native fish, receives Colorado River transmountain water, hosts one of the country's largest outdoor games, has its headwaters in Rocky Mountain National Park and the Indian Peaks Wilderness, and its confluence in a county that is the largest agricultural economic producing county in Colorado. With such a wide range of uses and an intense focus of study, the St. Vrain poses an excellent opportunity to balance river health with water users' needs through completion of a stream management plan.</p> <p>The District will lead the development of a Stream Management Plan (SMP). The overall goal of the SMP is to build upon the extensive studies that have already taken place in the basin (see Exhibit B) to collaboratively identify projects and management strategies that will transition stakeholders from flood recovery to stream health projects that improve environmental conditions in the river while also meeting water users' current and future needs and are aligned with private property rights and the prior appropriation system.</p>	
<b>Objectives:</b> (List the objectives of the project)	
<p><b>Phase 1 – 2018-2019</b></p> <ul style="list-style-type: none"> <li>• Objective 1: Develop support from stakeholders and the community at large for projects and management options that improve stream health and water availability for agricultural, municipal and recreational users</li> <li>• Objective 2: Compile existing databases, reports, studies, and analyses of environmental, recreational, municipal, and agricultural water uses within the Study Area</li> <li>• Objective 3 - Characterize the future water needs of agricultural, environmental, recreational, municipal and industrial users in the Study Area, including shortages and infrastructure needs</li> <li>• Objective 4 – Assess river functional health within the Study Area and inventory stressors that are challenging or degrading it</li> <li>• Objective 5 – Compile results from Objectives 1 – 4 and develop an on-line interactive report that communicates those results and makes recommendations for proceeding to Phase 2</li> </ul> <p><b>Phase 2 – 2019 - 2022</b></p> <ul style="list-style-type: none"> <li>• Objective 1 – Collect additional data on priority reaches as identified in Phase 1</li> <li>• Objective 2 – Work with stakeholders to select specific management objectives for the priority reaches and describe measureable goals.</li> <li>• Objective 3 - Quantify projects or management options such as ranges of numeric flow recommendations to support environmental and recreational values that meet water users' needs as identified in Phase 1</li> <li>• Objective 4 – Identify constraints and opportunities that may limit or assist meeting project goals</li> </ul>	



Last Update: October 24, 2017

- Objective 5 - Revise the Community and Stakeholder Engagement Plans to reflect the roles and responsibilities of the stakeholders for project implementation.

**Tasks**

**Task 1 - Stakeholder Engagement and Community Outreach**

Description of Task: The purpose of this task is to organize and convene the key stakeholders in the Study Area and assign roles and responsibilities throughout Phase 1. We will engage both stakeholders (those with a direct and active role as a water user in the basin) and the broader community. Specific subtasks are described below.

- Subtask 1.1 - Convene key stakeholders and outline operating protocols, roles and responsibilities and group decision making procedures that will move the planning process forward.
- Subtask 1.2 – Develop and implement a Stakeholder Engagement Plan that identifies tangible and metrically-driven involvement and participation goals and objectives, targeting consumptive and non-consumptive stakeholders. Specific elements of this plan will include, but not be limited to:
  - Creation of a list of the stakeholders who should be included throughout all phases of SMP development.
  - Development of guiding principles for stakeholder engagement, including expectations and outcomes of the plan.
  - Creation of a schedule and objectives for each meeting (will be dynamic as the phases of the SMP are completed); anticipate 8 meetings.
  - Identification and prioritization of ecological and recreational values that could be protected or enhanced.
  - Facilitation of each meeting to ensure adherence to agenda topics, respectful and construction dialogue, and equal and fair treatment of all individuals and perspectives in the group.
  - Documentation of each meeting to capture key themes of discussion (including minority viewpoints and areas of disagreement), agreements, and action items.
  - Circulation of draft documents for stakeholder review, consideration of all proposed changes, revision of draft documents as appropriate, and distribution of all final summaries.
- Subtask 1.3 - Develop a Community Engagement Plan that identifies tangible and metrically-driven involvement and participation goals and objectives. Specific elements of this plan will include, but not be limited to:
  - Consultation with the stakeholder group to solicit input on best approaches to community engagement in the Study Area.
  - Additional consultation if/as needed with local watershed groups, ditch companies, recreation groups, and others to solicit input on the best methods for community engagement.
  - Host up to three Community Engagement meetings that will aim to meet the objectives of the Plan.



Last Update: October 24, 2017

Method/Procedure:
<p>The District will capitalize on local knowledge and experience by involving stakeholder groups, such as the St. Vrain Creek Coalition, Left Hand Watershed Oversight Group, and other entities in the watershed throughout the SMP development. Outreach will be obtained and conducted through a series of progress meetings and/or other means such as surveys, etc. as identified in the Stakeholder and Community Engagement Plans.</p> <p>The District will hire a Facilitation Consultant to support the stakeholder and community engagement meetings and a Project Manager to support the organization, coordination, and documentation needed for this task. We anticipate that the stakeholder group will meet approximately 8 times, and the broader community will meet 3 times over the course of Phase 1 of the project.</p>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<ul style="list-style-type: none"><li>• Organize and facilitate eight Stakeholder Meetings and three Community meetings</li><li>• Meeting agendas, participants, and notes</li><li>• Stakeholder Engagement Plan</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>• Stakeholder Engagement Plan</li></ul>



Last Update: October 24, 2017

<b>Task 2 - Existing Data Collection and Review</b>	
Description of Task: The purpose of this task is to: 1) compile quantitative and qualitative information from existing databases, reports, studies, and analyses of environmental, recreational, municipal, and agricultural water uses within the Study Area; 2) communicate the available information using an interactive web mapping application to inform water planning efforts and communication at the local, regional, and state levels. Specific subtasks are described below.	
<ul style="list-style-type: none"> <li>• Subtask 2.1 – Extract and organize information from existing studies and databases.</li> <li>• Subtask 2.2 - Create an on-line spatial GIS database to house or link to existing information and data.</li> <li>• Subtask 2.3 – Develop a publicly accessible web-based mapping interface (like the Colorado Basin Roundtable’s or equivalent) that allows users to access and view the spatial database information. This is being identified as a separate task as it adds an additional level of complexity to providing an interface with the data and user.</li> </ul>	
Method/Procedure:	
This task is limited to only the collection, compilation, and reduction of existing data. No new assessments will be done for this phase.	
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)	
<ul style="list-style-type: none"> <li>• On-line spatial GIS database</li> <li>• Web-based mapping interface</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>• Access to database and web-based interface</li> </ul>	



Last Update: October 24, 2017

<p><b>Task 3 - Hydrology Characterization, Demand Shortage and Infrastructure Assessment</b></p>
<p>Description of Task: The purpose of this task is to characterize point flows in St. Vrain Creek and Left Hand Creek and how water is currently stored, diverted, consumed, and returned within the Study Area. This task will also identify the future needs of the municipal, recreational and agricultural water users in the Study Area, including shortages and infrastructure conditions.</p>
<ul style="list-style-type: none"> <li>• Subtask 3.1 – Obtain existing monthly SPDSS river flow data (1950 through 2012) and develop estimated daily point flows for Study Area streams from the dataset. Describe river flow data, decreed diversions, and irrigated acreages. River flow data will be considered for natural conditions (no diversions, imports or releases) and existing conditions (current diversions) for wet, dry and average conditions.</li> <li>• Subtask 3.2 – Compile information and data on the condition of the existing municipal and agricultural diversions, delivery and application (irrigation) infrastructure. Provide recommendations and conceptual cost on improvement needs.</li> <li>• Subtask 3.3 - Develop and conduct recreational flow studies on those river reaches in the Study Area with significant current or planned recreational (boating or fishing) use, to collect and organize overall and specific flow evaluations, and define optimal and acceptable flow ranges that meet current recreational needs.</li> <li>• Subtask 3.4 -- Project future changes in hydrology and water availability patterns due to climate scenarios developed by the CWCB.</li> <li>• Subtask 3.5 – Project potential future demand shortages in agricultural, municipal and recreational uses. It is anticipated that the calculation of each of these demands will require different tools and approaches.</li> <li>• Subtask 3.6 – Assess whether more detailed daily point flow modeling is beneficial for assessment of stream conditions relative to uses for all or portions of the Study Area and recommend any needed hydrology modeling for Phase 2.</li> </ul>
<p>Method/Procedure:</p>
<p>A database of monthly point flows (presented as average daily flows) at diversions and confluences on streams within the Study Area will be created using existing StateMod modeling of the St. Vrain and Left Hand basins developed for the South Platte Decision Support System (SPDSS). The SPDSS modeling includes data for natural flows as well as for historical conditions. Communications with owners of existing municipal I, agricultural and recreational infrastructure, and field reconnaissance where necessary, will be used to develop information for subtask 3.2. If available, information regarding effects of climate change on stream hydrology will be sought and characterized and incorporated into the point flows database. Water providers and water users will be contacted, and existing information will be reviewed and used to the extent possible, to assess future demand increases for municipal, agricultural and recreational water users, and the resulting impacts on point flows. The project will seek to identify where/whether a true daily point flow model needs to be developed in Phase 2 to assess needs and to project results of management changes.</p>
<p>Grantee Deliverable: (Describe the deliverable the grantee expects from this task)</p>
<ul style="list-style-type: none"> <li>• Information (data and graphics) showing estimated daily hydrology in the basin under natural, current and projected future conditions</li> <li>• Infrastructure condition assessment results</li> <li>• List of recommended infrastructure improvements and conceptual costs</li> <li>• List of recommended strategies for those locations that can also benefit stream health conditions and any incremental costs associated with those improvements</li> <li>• Recommendation for further daily point flow development</li> <li>• Technical Report summarizing results of subtasks 3.1 – 3.6</li> </ul>
<p>CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)</p>



Last Update: October 24, 2017

- Technical Report summarizing results of subtasks 3.1 – 3.6



Last Update: October 24, 2017

**Task 4 - River Health Assessment**

Description of Task: The purpose of this task is to assess river functional health within the Study Area, inventorying stressors using data and analyses compiled during Tasks 2 and 3, and completing additional desktop and rapid field evaluations. Functional health assessment results can then be compared to stakeholders' priority ecological and recreational values to identify a subset of priority reaches. Priority reaches will be assessed for projects and management strategies, including flow targets, in Phase 2. The river health assessment will be carried out by a multi-disciplinary team hired by the District. Specific subtasks are described below.

- Subtask 4.1 – Develop a stream health assessment framework calibrated specifically to the study area based on an appropriate holistic stream health assessment methodology, such as the Colorado Stream Health Assessment Framework, that includes assessment of fluvial geomorphology, water quality, aquatic habitat quality and riparian area health.
- Subtask 4.2 – Divide the study area into relatively homogenous zones and reaches to be evaluated.
- Subtask 4.3 – Conduct desktop and rapid field evaluations as needed to complete river health assessment. The extent of evaluations will depend upon the quality and quantity of data found in Task 2.
- Subtask 4.4 – Evaluate the health of individual reaches, zones, streams (St. Vrain and Left Hand) and the watershed based on assessment of stressors and evidence of their effects.
- Subtask 4.5 – Use the list of priority ecological and recreational values identified in subtask 1.2 to characterize challenges to maintaining river health in light of societal demands.
- Subtask 4.6 – Compile results from subtask 4.1 – 4.5 and develop a set of criteria that allows the stakeholders to rank and select their top priority reaches for management strategies.
- Subtask 4.7 – Draft a list of watershed focus areas based on the needs identified in previous subtasks and identify outstanding data needs for each.

Method/Procedure:

The St. Vrain and Left Hand Creek stream health assessment framework will be assembled by a multi-disciplinary team based on sound science, while being responsive to known issues and stakeholder input (subtask 4.1). The study area will be divided based on stream system (St. Vrain vs. Left Hand). Each of the two stream systems, including the mainstem and major tributaries will be subdivided into appropriately homogenous zones and/or individual reaches based on process domains and land cover/land use (subtask 4.2).

According to the assessment methodology chosen, desired ranges for stream health variables or criteria will be designated. Desired ranges will incorporate stakeholder input. They will be articulated by the study team and should represent levels which will maintain the balance between stream needs and its ability to provide the ecosystem services society depends on, remain resilient and ecologically viable, while satisfying purely human needs such as municipal and agricultural water supply.

Once the stream health study framework and design have been developed, stream health will be evaluated using the best available information (subtask 4.4). The stream health assessment will be considered a “living” document that will be continually built upon and improved as new information is developed. Existing data and the collection of new data will be used to fill out the framework (subtask 4.3). New data will be collected at a level of intensity commensurate with need and available budget. Based on these analyses and those of previous tasks, opportunities for, and challenges to, maintaining river health will be articulated (subtask 4.5).

Once analysis of river health is complete, lists of priority reaches will be assembled based on identified stream needs and stakeholder input (subtask 4.6).

Analyses of river health will reveal areas and subjects for which insufficient information exists to make decisions with an appropriate level of certainty. Data gaps will be listed and candidate priorities for obtaining new information will be developed (subtask 4.7).



Last Update: October 24, 2017

Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<ul style="list-style-type: none"><li>• Completed health assessment including hierarchical summary of reach condition, zone condition and overall stream condition. The health assessment will include graphical exhibits and be integrated into the geospatial database created in Task 2.</li><li>• Narrative and quantitative rationale for each health conclusion.</li><li>• A list of candidate priority reaches for health improvement and data gaps needed to be filled in Phase 2 to better assess and recommend strategies.</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>• All the above</li></ul>



Last Update: October 24, 2017

<b>Task 5 - Phase 1 Final Report and Phase 2 Recommendations</b>
Description of Task:
The purpose of this task is to compile results from Tasks 1 – 4 and develop an on-line interactive report that: 1) highlights the existing and future demand gaps and infrastructure needs for the agricultural, recreational, and municipal sectors; 2) presents information on the functional health of the Study Area by reach; and 3) discusses next steps for the priority reaches, including identification of data gaps and methods and costs for obtaining that information. This deliverable may resemble the Reach Fact Sheets developed for the Big Thompson River.
Method/Procedure:
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<ul style="list-style-type: none"> <li>• Compile data and information from Tasks 1-4</li> <li>• Develop an on-line interactive report summarizing Phase 1</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>• An on-line interactive report summarizing Phase 1</li> </ul>



Last Update: October 24, 2017

**Task 6 - Project Management and Coordination**

Description of Task: The purpose of this task is to support St. Vrain and Left Hand Water Conservancy District with the project management needs of the Project, specifically: tracking project progress, including each subconsultant’s deliverables and costs against the scope of work; supporting the District with the necessary communication and coordination with the Project Team; coordinating with Colorado Water Conservation Board (CWCB), as needed; and preparing for and participating in public education and stakeholder meetings. Specific subtasks are described below.

- Subtask 6.1 - Coordinate with Project Team (propose monthly project check-in meetings).
- Subtask 6.2 - Compile monthly subconsultant invoices; track project budget, deliverables, and schedule and document in monthly progress reports (includes tracking of in-kind hours and cash match).
- Subtask 6.3 - Develop required CWCB 6-month progress reports; final report (see Task 5).

Method/Procedure: The District will hire a Consultant to provide Project Management services as identified above.

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

- Progress reports
- Monthly invoices

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

- Request for Payment including progress report



Last Update: October 24, 2017

### Budget and Schedule

**Budget:** This Statement of Work and Schedule shall be accompanied by a Budget ([link?](#)) that reflects the Tasks identified in the Statement of Work and Schedule and shall be submitted to CWCB in an excel format.

**Schedule:** This Statement of Work and Budget shall be accompanied by a Schedule ([link?](#)) that reflects the Tasks identified in the Statement of Work and Budget and shall be submitted to CWCB in an excel format.

### Reporting Requirements

**Reporting:** The grantee shall provide their respective Roundtable(s) and the CWCB a Progress Report every 6 months, beginning from the date of executed contract. The Progress Report shall describe the status of the water activity, the completion or partial completion of the tasks identified in the Statement of Work including a description of any major issues that have occurred and any corrective action to address these issues. The CWCB may withhold reimbursement until satisfactory Progress Reports have been submitted.

**Final Deliverable:** At the completion of the water activity, the grantee shall provide their respective Roundtable(s) and the CWCB a final report on the grantee's letterhead that:

- Summarizes the water activity and how the water activity was completed
- Describes any obstacles encountered, and how these obstacles were overcome
- Explains the Proposed Budget versus the Actual Budget
- Confirms that all matching commitments have been fulfilled
- Includes photographs, summaries of meeting and engineering reports/design, if appropriate

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.



**Colorado Water Conservation Board**

Water Supply Reserve Fund

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

Date: 2-8-2018

Water Activity Name: St. Vrain & Left Hand Stream Management Plan

Grantee Name: St. Vrain and Left Hand Water Conservancy District

Task No. <sup>(1)</sup>	Description	Start Date <sup>(2)</sup>	End Date	Matching Funds							Total Matching Funds	CWCB/WSRF Funds	Total
				American Whitewater (In-Kind)	TU - St. Vrain Anglers	SVLHWCD	Boulder County (To be Requested for 2019 Budget)	City of Longmont (Pending 2019 Budget Approval)	JLB	CWCB Water Plan Grant			
1	Stakeholder Engagement and Community Outreach	7/1/2018	7/1/2019	\$0	\$0	\$0	\$0	\$0	\$0	\$13,500	\$13,500	\$13,500	\$27,000
2	Existing Data Collection and Information Review	9/1/2018	11/1/2018	\$0	\$5,000	\$0	\$0	\$0	\$0	\$18,000	\$23,000	\$13,000	\$36,000
3	Demand Shortage and Infrastructure Assessment	9/1/2018	3/1/2019	\$7,000	\$0	\$7,000	\$0	\$0	\$0	\$37,500	\$51,500	\$23,500	\$75,000
4	River Health Assessment	9/1/2018	5/1/2019	\$0	\$0	\$35,000	\$0	\$0	\$0	\$35,000	\$70,000	\$0	\$70,000
5	Phase 1 Final Report and Phase 2 Recommendations	5/1/2018	7/1/2019	\$0	\$0	\$8,000	\$11,950	\$0	\$2,500	\$22,450	\$44,900	\$0	\$44,900
6	Project Management and Coordination	7/1/2018	7/1/2019	\$0	\$0	\$0	\$5,800	\$17,750	\$0	\$23,550	\$47,100	\$0	\$47,100
<b>Total</b>				\$7,000	\$5,000	\$50,000	\$17,750	\$17,750	\$2,500	\$150,000	\$250,000	\$50,000	\$300,000

(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) 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.

• 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.

## Attachment A: Map of Project's Geographic Scope

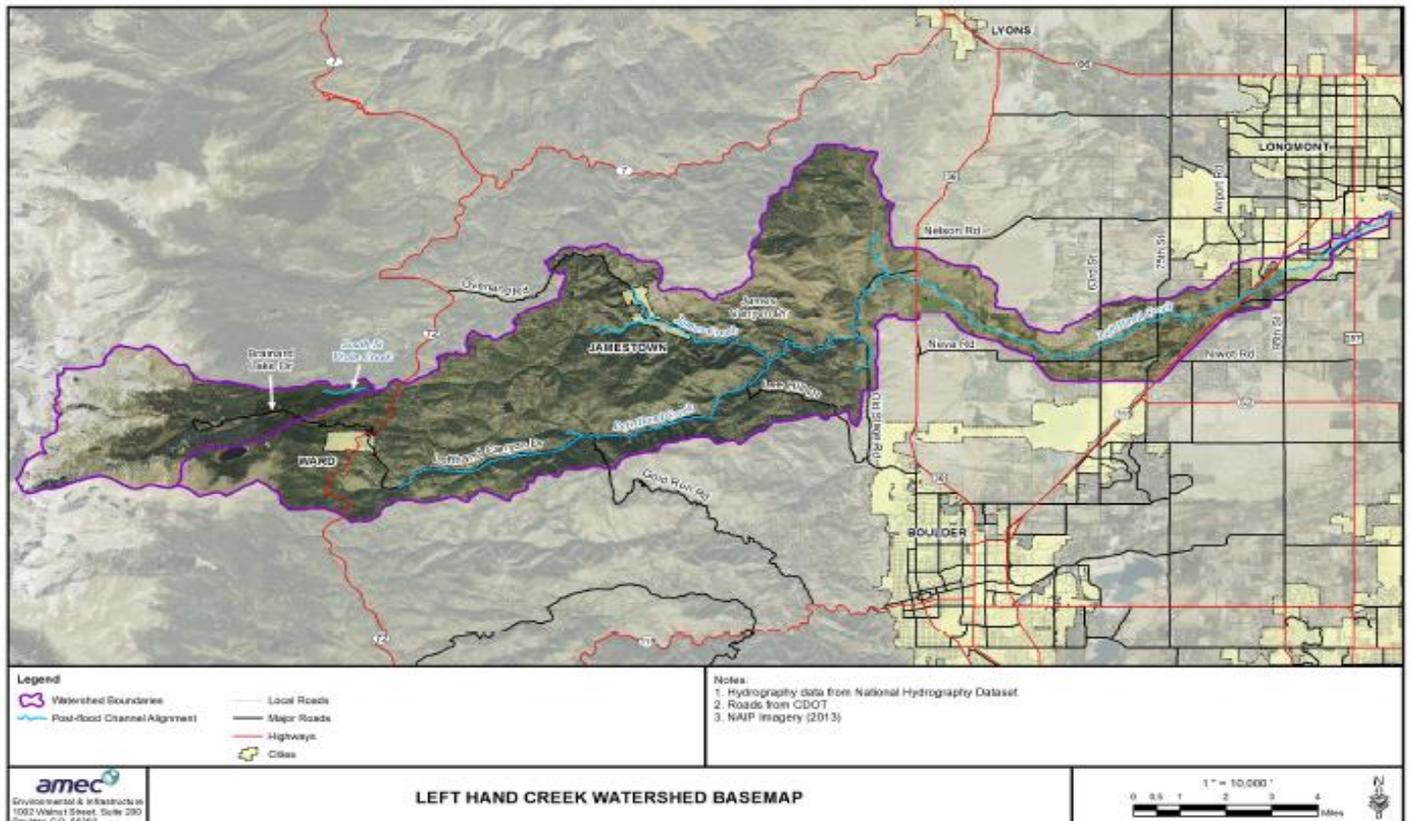
Maps are from post flood master plans. Note, St Vrain for the SMP, the St. Vrain will continue downstream to the confluence of the South Plate River.



ST. VRAIN WATERSHED MASTER PLAN  
ALTERNATIVES ANALYSIS

Figure 3.1 Planning Area

0 2 4 8 12 16 Miles



amec  
Environmental & Infrastructure  
1002 Walnut Street, Suite 200  
Boulder, CO 80503

LEFT HAND CREEK WATERSHED BASEMAP

1" = 10,000'  
0 0.5 1 2 3 4 Miles

2-12-2018

Craig,

Per our discussion please note the following.

The WSRF grant request is for \$50,000. The full match for this request is provided by the St. Vrain and Left Hand Water Conservancy District which has allocated \$50,000 in its 2018 budget. This match, and the recently approved \$150,000 grant provided by the CWCB through the Colorado Watershed Restoration Program provides more than enough funding to satisfy the WSRF match requirements.

The entire effort is scoped for \$300,000. As previously provided the City of Longmont and Boulder County have committed a combined \$35,500. As government cannot officially commit funds beyond the current year's budget, the County has requested the budget documentation for the grant state "to be requested", and Longmont requested "pending approval". The District believes the funding will be provided, if it is not the District will provide the funds.

Please let me know if you require any additional information.

Thanks!

Sean

**Sean T. Cronin** | Executive Director

[www.svlhwcd.org](http://www.svlhwcd.org)



Nathan T. Fey, Director  
Colorado River Program  
1601 Longs Peak Ave.  
Longmont, Colorado 80501  
nathan@americanwhitewater.org

2/15/2018

Sean Cronin  
Executive Director  
St. Vrain & Lefthand Water Conservancy District  
9595 Nelson Rd., Suite 203  
Longmont, CO 80501  
Sent via [email](#)

Mr. Cronin,

American Whitewater is writing to express our support for the Saint Vrain Stream Management Plan (SMP). Founded in 1954, American Whitewater (AW) is a national non-profit organization with a mission “to conserve and restore America’s whitewater resources and to enhance opportunities to enjoy them safely”. American Whitewater represents the interests of over 80,000 direct and affiliate club members that reside in, or visit, Colorado and place high value on the states rivers and creeks. We are writing in support of efforts to develop a long-term vision for these valued rivers and confirm our commitment of in-kind support for the project.

American Whitewater has met with members of the Stream Management Planning Group and is committed to coordinating the recreation flow needs assessment for the SMP. The committee and AW will work closely throughout the project to coordinate public input and encourage engagement from recreational water users and residents in communities throughout the Saint Vrain Valley. We are committed to supporting the planning effort with \$7000 of in-kind resources directed towards these efforts.

Thank you in advance for your thoughtful consideration. Please contact me if you have any questions

In cooperation,

A handwritten signature in black ink that reads 'Nathan T. Fey'.

Nathan T. Fey, Director  
Colorado River Stewardship Program  
American Whitewater

*Rivers need to be Protected, Restored, and Enjoyed!*



## Board of County Commissioners

March 1, 2018

Sean Cronin  
Saint Vrain and Left Hand Water Conservancy District  
9595 Nelson Road  
Longmont, CO 80501

**RE: Letter of Support for the St. Vrain and Left Hand Water Conservancy District – Stream Management Plan Grant Application**

Dear Sean:

This letter is to express Boulder County's continued support of the grant application, submitted by the St. Vrain and Left Hand Water Conservancy District, to the Colorado Watershed Restoration Program – Stream Management Plan Grant. We, along with our other watershed partners, are pleased to initiate and participate in this inclusive planning effort.

In partnership with the St. Vrain and Left Hand Water Conservancy District and other basin partners, Boulder County hopes to contribute local funding, contingent upon budget appropriation, to the development of the stream management plan. We will soon begin the budgeting process for 2019 and will be submitting a request to the Board of County Commissioners in the amount of \$17,500.00.

Sincerely,

Michelle Krezek  
Commissioners' Deputy



**COLORADO**

Colorado Water  
Conservation Board

Department of Natural Resources

January 24, 2018

**Sean Cronin**  
**St. Vrain and Left Hand Water Conservancy District**  
**9595 Nelson Road, Suite 203**  
**Longmont, CO 80501**

Dear St. Vrain and Left Hand Water Conservancy District:

We are pleased to inform you that the Colorado Department of Natural Resources, Colorado Water Conservation Board (CWCB) has approved your application, St. Vrain & Left Hand Stream Management Plan, for funding pursuant to the Colorado Watershed Restoration Program (CWRP) in the amount of \$150,000. 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. CWCB recommends that State procurement policies be used as a guide if an organization does not have procurement policies.
- Grantees should adequately address CWCB 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.

Thank you.

Sincerely,

**Elizabeth Schmit**  
**Administrative Assistant II**  
O 303-866-3441 ext. 3223  
1313 Sherman Street, Rm. 718, Denver, CO 80203  
[Elizabeth.Schmit@state.co.us](mailto:Elizabeth.Schmit@state.co.us) / [cwcb.state.co.com](http://cwcb.state.co.com)



## PUBLIC WORKS & NATURAL RESOURCES

WATER RESOURCES

(303) 651-8416 | [LONGMONTCOLORADO.GOV/WATER](http://LONGMONTCOLORADO.GOV/WATER)

February 23, 2018

Sean Cronin  
Saint Vrain and Left Hand Water Conservancy District  
9595 Nelson Road  
Longmont, CO 80501

**RE: Letter of Support for the St. Vrain and Left Hand Water Conservancy District – Stream Management Plan Grant Application**

Dear Sean,

I am writing you to express our continued support of the grant application, submitted by the St. Vrain and Left Hand Water Conservancy District, to the Colorado Watershed Restoration Program – Stream Management Plan Grant and the related application to South Platte Roundtable for basin funding for this same project. The City of Longmont and other watershed partners continue to complete a monumental flood recovery effort in this watershed. This continued comprehensive planning will allow us to take the next step in this recovery effort and is critical at this time.

In partnership with the St. Vrain and Left Hand Water Conservancy District and other basin partners, Longmont is planning on participating and partially funding this stream management planning effort. We are currently in the budgeting process for 2019 and will be putting this funding request before our City Council for approval in the normal budgeting process. Longmont staff will ask for \$17,500.00 as our proportionate participation level in this project.

This application is vital to our community and will result in a science based approach to working on many of the stream management issues that exist in our watershed.

Sincerely,

A handwritten signature in blue ink that reads "Ken S Huson".

Ken Huson, P.E.  
Water Resources Manager  
City of Longmont

**From:** Jim Blankenship [mailto:[jlbcivil@earthlink.net](mailto:jlbcivil@earthlink.net)]  
**Sent:** Friday, October 27, 2017 4:39 PM  
**To:** Sean Cronin <[sean.cronin@svlhwcd.org](mailto:sean.cronin@svlhwcd.org)>  
**Subject:** RE: Stream Management Plan - Update

*Hi Sean,*

*Put JLB Engineering down for a \$2,500 cash match. Small unmarked bills okay? Let me know what you need to firm up this commitment.*

*Thanks*

*Jim Blankenship, P.E.  
[jim@jlbcivil.com](mailto:jim@jlbcivil.com)  
303-604-1634*



Saint Vrain Anglers Trout Unlimited

SVATU

February 14, 2018

Sean T. Cronin  
St. Vrain & Left Hand Water Conservancy District  
9595 Nelson Road, Suite 203  
Longmont, CO 80501

**RE: Letter of Commitment for the St. Vrain and Left Hand Water Conservancy District – Stream Management Plan Grant Application**

Dear Sean,

Congratulations on this grant award. Bringing the variety of stakeholders together to address a stream management plan for Left Hand and St. Vrain creeks is an important step for our basin. Trout Unlimited is committed state-wide to supporting and engaging in the Stream Management Planning process. The St. Vrain Chapter, Trout Unlimited is pleased to confirm our commitment of \$5000 to the cash match for this grant.

Sincerely,

*Barbara Luneau*

Barbara Luneau  
St. Vrain Chapter, Trout Unlimited  
Conservation Committee Chairperson

cc. James Moersch, President;  
Don Tebow, Treasurer