

Colorado Water Conservation Board

Water Plan Grant Application

Instructions

To receive funding for a Water Plan Grant, applicant must demonstrate how the project, activity, or process (collectively referred to as "project") funded by the CWCB will help meet the measurable objectives and critical actions in the Water Plan. Grant guidelines are available on the CWCB website.

If you have questions, please contact CWCB at (303) 866-3441 or email the following staff to assist you with applications in the following areas:

Supply and Demand Gap Projects: Gregory.Johnson@state.co.us

Water Storage Projects: Anna.Mauss@state.co.us

Conservation, Land Use Planning: Kevin.Reidy@state.co.us

Engagement & Innovation Activities: Mara.MacKillop@state.co.us

Agricultural Projects: Brent.Newman@state.co.us

Environmental & Recreation Projects: Linda.Bassi@state.co.us

Applicants interested in submitting an 'Intent to Apply' in the future are encouraged to check here and fill in all sections with the best information available at the time. Exhibits excluded.

This "Intent to Apply" will help CWCB prioritize Projects that are not ready for fully completed Water Plan Grant Application due to the initial timeframe and deadlines required.

Water Project Summary						
Name of Applicant	Haymeadow Me	tropolitan District No. 6				
Name of Water Project	Love & White Ditch Efficiency Project- Phase 1					
CWP Grant Request Amount		\$ 300,000				
Other Funding Sources EQIP		\$ 1,280,000 - Pending Request				
Other Funding Sources Eagle County		\$ 70,000 - Pending				
Other Funding Sources Basin WSRF Grant		\$ 75,000 – Pending Request				
Other Funding Sources Statewide WSRF Grant		\$ 200,000 – Pending Request				
Other Funding Sources CWCB Loan		\$ Pending Request				
Applicant Funding Contribution		\$ 1,400,800				
Total Project Cost		\$ 3,325,800				



Applicant & Grantee Information						
Name of Grantee(s)	Haymeadow Metropolitan District No. 6					
Mailing Address	390 Union Blvd, Ste 400, Denver, CO 80228					
FEIN	37-1774127					
Organization Contact	Scott Schlosser					
Position/Title	Project Supervisor					
Email	scottes@vail.net					
Phone	(970) 390-9223					
Grant Management Contact	Scott Schlosser					
Position/Title	Project Supervisor					
Email	scottes@vail.net					
Phone	(970) 390-9223					
Name of Applicant (if different than grantee)						
Mailing Address						
Position/Title						
Email						
Phone						



Description of Grantee/Applicant

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

Haymeadow Metropolitan District No. 6 (District) is the raw water service provider for the Haymeadow Property located adjacent and southwest of the Town of Eagle, see Exhibit C Figure. The District currently owns majority shares in three senior agricultural ditches on Brush Creek including the Love and White, Wilkinson and Mathews Ditches. The District is committed to serving at least 320 acres of continued hay production on the Property and deliver non-potable irrigation water to the planned residential development on the west side of the property. Water conservation, efficiency and riparian/aquatic health are primary water management goals for the District.

	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.						
Х	Public (Districts): Authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises.						
	Private Incorporated: Mutual ditch companies, homeowners associations, corporations.						
	Private Individuals, Partnerships, and Sole Proprietors: Private parties may be eligible for funding.						
	Non-governmental organizations (NGO): Organization that is not part of the government and is non-profit in nature.						
	Covered Entity: As defined in Section 37-60-126 Colorado Revised Statutes.						

	Type of Water Project (check all that apply)					
	Study					
Х	Construction					
Х	Identified Projects and Processes (IPP)					
	Other					

Category of Water Project (check all that apply and include relevant tasks)

Supply and Demand Gap Projects - Multi-beneficial projects and those projects identified in basin implementation plans to address the water supply and demand gap.

Χ

Applicable Exhibit A Task(s): Task 1- Design will be coordinated with multiple parties including Town of Eagle, Eagle County, Eagle River Watershed Council and Colorado Parks & Wildlife to support multi-beneficial outcomes for each entity. The objectives of this design are to promote agricultural efficiency and preservation, preserve environmental flows, and reduce the Town's potable water treatment demands.



puateu. July						
Water Storage Projects - Projects that facilitate the development of additional storage, artificial recharge into aquifers, and dredging existing reservoirs to restore the reservoirs' full decreed storage capacity. Applicable Exhibit A Task(s): Tasks 1 & 2 (Phase 1) will support the future design and implementation of Phase 3 which includes the design of a 3 AF Reservoir to manage non-potable residential irrigation demands.						
Conservation and Land Use Planning Projects - Activities and projects that implement long-term strategies for conservation, land use, and drought planning. Applicable Exhibit A Task(s):Tasks 1 & 2 (Phase 1) will support the future design and implementation Phase 3. Phase 3 will address water conservation through land use regulations, specifically establishing a non-potable residential irrigation system which will be designed and managed to promote limited landscaping and restrict water demands.						
outreach, a website.	ent & Innovation Projects - Activities and projects that support water education, and innovation efforts. Please fill out the Supplemental Application available on the Exhibit A Task(s):					
efficiency. Applicable improved a consolidate	I Projects - Projects that provide technical assistance and improve agricultural Exhibit A Task(s):Task 1 & 2 (Phase 1) address the design and construction of an agricultural efficiency project that consolidates 3 senior ditches and pipes the ed ditch for continued irrigation of at least 320 acres. Further, Phase 2 of the project prate gravity-fed sprinkler irrigation system at the hay fields on Haymeadow Property.					
Environmental & Recreation Projects – Projects that promote watershed health, environmental health, and recreation. Applicable Exhibit A Task(s): Task 1 & 2 (Phase 1) will be completed in the context of the Brush Creek Stream Management Plan. Further, both tasks will increase native flows to Brush Creek and restore retired stream diversions and headgates.						
Other	Explain:					
	Water Stor recharge in storage ca Applicable implements potable restrategies in Applicable implements specifically managed to the specifical spe					

Location of Water Project						
Please provide the general county and coordinates of the proposed project below in decimal degrees . The Applicant shall also provide, in Exhibit C, a site map if applicable.						
County/Counties Eagle County						
Latitude	39.616144					
Longitude	-106.765136					



Water Project Overview

Please provide a summary of the proposed water project (200 words or less). Include a description of the project and what the CWP Grant funding will be used for specifically (e.g., studies, permitting process, construction). Provide a description of the water supply source to be utilized or the water body affected by the project, where applicable. 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, and area of habitat improvements, where applicable. 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, Other Funding Sources/Amounts and Schedule.

Phase 1 irrigation delivery improvements are attained through the consolidation of three senior ditches, all identified as needing significant infrastructure maintenance. Piping the consolidated ditches will significantly reduce the transit losses in the system and improve hay production. The proposed new diversion structure, headgate and pipeline will limit diversions to only those times when the property is being irrigated.

The District and the Town of Eagle are cooperating on this project and are both committed to the Brush Creek Watershed Management Plan. The Brush Creek Plan aims to prioritize the junior decreed CWCB minimum flows in Brush Creek, through agreed curtailment, improved irrigation efficiencies and stream flow monitoring. Brush Creek restoration will occur around the decommissioning of historical diversion structures on Brush Creek.

Phase 2 (not included in application) addresses design and installation of the hay production field sprinklers which is expected to largely be funded by an EQIP grant. Phase 3 (separate application) addresses potable supply-demand management which capitalizes on the agricultural infrastructure to provide residential non-potable irrigation water, decreasing the demand on the Town of Eagle's water treatment plant and allowing the irrigation water to flow in Brush Creek for an additional four miles below the Town's intake.

Measurable Results						
To catalog measurable results achieved with the CWP Grant funds, please provide any of the following values as applicable:						
3 AF (Phase 3) New Storage Created (acre-feet)						
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive					
142 AF (Phase 3)	(Phase 3, will preserve approx. 0.50 cfs of capacity in Eagle Water Treatment Plant peak demands due to raw water residential irrigation at the Haymeadow development.)					
Existing Storage Preserved or Enhanced (acre-feet)						
~40,000 LF (Phase 3)	Length of Stream Restored or Protected (linear feet) (Approximately 300 feet of restoration is projected in Phase 1 at the three headgates, additionally approximately18,480 feet (3.5 miles) of minimum instream flows will continue to be protected from the Love & White headgate to the lower end of the property as part of Phase 1 and approximately 21,120 feet (4 miles) of stream flow above the Love and White Ditch is protected in Phase 3.)					
1,680 AF (Phase 1 & 2) Efficiency Savings (indicate acre-feet/year OR dollars/year)						



Measurable Results						
	(20% efficiency assumed for current condition flood irrigation on 320 acres compared to 80% assumed with ditch consolidation, ditch piping and sprinkler irrigation. Electrical savings from the proposed gravity-fed system have not yet been quantified.)					
<1.0 acre (Phase 1)	Area of Restored or Preserved Habitat (acres)					
	Quantity of Water Shared through Alternative Transfer Mechanisms					
	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning					
More than 7,000 (Phase 1&3)	(The Town of Eagle population plus an additional 300 residences for the initial phase of construction will all be impacted with lower water rates due to reduced peak demands, by more than 50% for Haymeadow Property, and reduced need for a new water treatment plant.)					
	Other					

Water Project Justification

Provide a description of how this water project supports the goals of Colorado's Water Plan, the most recent Statewide Water Supply Initiative, and the applicable Roundtable Basin Implementation Plan and Education Action Plan. 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).

The proposed water project shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan Framework for State of Colorado Support for a Water Project (CWP, Section 9.4, pp. 9-43 to

Specific components of this project align with the Colorado Water Plan (CWP), Statewide Water Supply Initiative (SWSI), and Colorado Basin Implementation Plan (CO BIP) goals and action items by improving raw water irrigation diversions, conveyance and application efficiencies; providing conservation oriented development; and maintaining continued irrigation of a conservation easement. Beyond that, the intent of this project is to be seen by other municipalities and developments on the West Slope as a model to promote water efficiency and regional partnerships.

CWP

Section 6 of the CWP lists action items and goals for agricultural water efficiency, conservation and viability in Section 6. Specifically, Section 6.3.4 describes actions to conserve irrigation water consumption (both directly consumed and unconsumed). This project will replace an open-ditch delivery system with a pipeline, which is one of the methods that 6.3.4 specifically mentions as a method for reducing diversions of unconsumed water. The gravity-fed pipeline will also allow the historical flood irrigation of hay to be replaced with sprinklers (Phase 2), a method of reducing unconsumed water explicitly stated in Section 6.3.4. Chapter 10 of the CWP starts with listing Colorado's water goals which include "viable and productive agriculture, efficient and effective water infrastructure and a strong environment that includes healthy watersheds" all of which will be addressed by this project. Section 10.3.D outlines agricultural goals and critical agricultural actions of which the plan calls to "support agricultural conservation and efficiency". Further, Section 10.3.D states critical agricultural actions to "encouraging ditch-wide and regional planning to explore system-wide conservation and efficiency opportunities", which is at the forefront of the Love & White Ditch Efficiency project. This project is a multi-beneficial project, a priority mentioned in the CWP, through coordination with shared water uses including; preserved agriculture on the Eagle County conservation easement. Town of Eagle, and Eagle River Watershed Council, and is seeking opportunities to incorporate land use water planning into the residential water use regulations for the District.



Water Project Justification

Section 6.3.5 of the CWP describes the nexus of water conservation and energy conservation, and discusses the benefits of small-scale hydropower and gravity-pressurized irrigation systems, such as are planned in future phases of the Love and White Ditch Efficiency project. The District's use of raw water irrigation also conserves energy by reducing the amount of water that must be pumped and treated at the Town of Eagle potable water treatment plant.

SWSI 2010

SWSI identified an existing Colorado River Basin Agricultural shortage of 100,000 AFY and a predicted M&I/SSI Shortage of 48,000 AFY. Supporting documentation for SWSI identified a District 38 (Eagle River) agricultural shortage of 1,688 AFY on approximately 11,781 acres. This project works to reduce the agriculture shortage while preserving a contiguous large hay production operation. SWSI Section 8 identifies recommendations to move forward to meet Colorado's water supply needs and identified the following which the District aims to meet with this project:

- 1. Actively encourage projects to address multiple purposes, including municipal, industrial, environmental, agricultural.
- 5. Support meeting Colorado's nonconsumptive water needs.
- 6. Help meet Colorado's agricultural water supply needs by incorporating agricultural water needs into the development of water supply portfolios and supporting the implementation of multipurpose agricultural water supply projects.
- 8. Evaluate multi-purpose projects or packages of projects to develop new water supplies for use on the West Slope and Front Range.

CO BIP

The CO BIP identified the Eagle County Conservation Districts (ECCD) Irrigation Asset Inventory project as a top project. The Colorado Basin Roundtable funded the ECCD project in 2016 which identified lining of the Love and White and Wilkinson Ditches and replacement of the associated headgates as top concerns. This project will address these concerns identified in the CO BIP supported study.

The proposed project aligns with the CO BIP themes identified in Section 2.4 (page 43) and more specifically, the Eagle River Region priority themes discussed in Section 3 (page 106).

Theme 1 identifies the need to Protect and Restore Healthy Streams, Rivers, Lake and Riparian Areas and particularly identifies unmet instream flows and degraded aquatic environmental habitat. This proposed project will address historically unmet instream flows and work to rehabilitate agricultural impact areas particularly around the historical headgates of the Wilkinson and Matthews Ditch Diversions.

Theme 2 focuses on Sustaining Agriculture as an important component of Colorado's economy, open space, and wildlife habitat. The project maintains hay production irrigation on the Haymeadow Property and provides opportunity for improved irrigation efficiencies on the neighboring Hardscrabble Property which recently was purchased by Eagle County and designated as a conservation easement. This aligns with Theme 2.B, minimizing potential for transfer of agricultural water rights to municipal uses. Further, by replacing ditch irrigation deliveries with a gravity pressurized pipeline, the project reduces transit losses, and thus agricultural water shortages (Theme 2.A). Overall, these components as well align with Theme 4.C of promoting agricultural conservation that maintains agricultural production and viability.

Theme 3 focuses on the need to secure growing water demand to Secure Safe Drinking Water supplies. Raw water irrigation on the Haymeadow Property extends the ability of the Town of Eagle's existing potable water supplies by reducing the peak service summer demands (by more than 50% for



Water Project Justification

the Haymeadow development) that water treatment plants are designed to meet. The raw water system also reduces the cost to treat and distribute potable water.

Theme 4 identifies the Basin's desire to Encourage a High Level of Basinwide Conservation. This basin theme identifies agricultural and municipal conservation efforts should be to reach a high level of active and passive conservation targets. The Love & White Ditch Efficiency Project directly addresses this Basin priority in regards to both agricultural and municipal demands not only in water use but also energy requirements to pressurize the system.

Related Studies

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

- 1. Brush Creek Watershed Management Plan (April 2011) by Resource Engineering, Inc. This report pertains to upholding and protecting the junior CWCB instream flow in Brush Creek through agreed reductions in agricultural diversions, improved delivery efficiencies and water conservation.
- 2. Eagle County Conservation District Irrigation Asset Inventory (December 2016), by SGM, Inc. Funded by the Colorado Basin Roundtable. Specifically, the Love and White Ditch and Wilkinson Ditch assessments were performed as part of this project and are included in Exhibit
- 3. Wetland Delineation Draft Report: Haymeadow Project (October 2013), by Western Ecological Resource, Inc.
- 4. Preliminary Geotechnical Study: Proposed Haymeadow Phase A1 Development (August 2013), by HP Geotech.
- 5. Eagle River Watershed Plan (May 2013), by Eagle County and The Eagle River Watershed Council.
- 6. Raw Water Demands and Availability Report, Haymeadow Development (February 2017), by SGM. (Included in Exhibit C)
- 7. Non-Potable Irrigation System Alternatives Assessment, Haymeadow Development (February 2017), by SGM. (Included in Exhibit C)
- 8. Haymeadow Annexation and Development Agreement Authorized by Town of Eagle on March 25th, 2014

Previous CWCB Grants, Loans or Other Funding

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; 6) Percentage of other CWCB funding for your overall project. None.



Taxpayer Bill of Rights

The Taxpayer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect your application. None.

	Submittal Checklist							
Х	I acknowledge the Grantee will be able to contract with CWCB using the <u>Standard</u> <u>Contract</u> .							
	Exhibit A							
X	Statement of Work ⁽¹⁾							
X	Budget & Schedule ⁽¹⁾ (Spreadsheet)							
Х	Letters of Matching and/or Pending 3 rd Party Commitments ⁽¹⁾							
^	(Basin and Statewide WSRF Grant application will be submitted in October.)							
	Exhibit C							
X Map (if applicable) ⁽¹⁾								
X Photos/Drawings/Reports								
Х	Letters of Support (Support letter from Basin Roundtable encouraged)							
	Certificate of Insurance (General, Auto, & Workers' Comp.) (2)							
	Certificate of Good Standing with Colorado Secretary of State ⁽²⁾							
	W-9 ⁽²⁾							
Independent Contractor Form ⁽²⁾ (If applicant is individual, not company/organization								
Engagement	& Innovation Grant Applicants ONLY							
	Engagement & Innovation Supplemental Application ⁽¹⁾							

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

EXHIBIT A

- Statement of Work
- Budget and Timeline Summary
- Preliminary Cost Estimate
- NRCS Letter of Qualification and Support



Colorado Water Conservation Board

Water Plan Grant - Exhibit A

Statement Of Work					
Date:	September 29, 2017				
Name of Applicant:	Haymeadow Metropolitan District No. 6				
Name of Water Project:	Love & White Ditch Efficiency Project – Phase 1				
Funding Source:	CWCB Colorado Water Plan Grant				

Water Project Overview: Please provide a summary of the proposed water project (200 words or less). The same summary can be used from Page 5 of the CWP Grant Application.

Phase 1 irrigation delivery improvements are attained through the consolidation of three senior ditches, all identified as needing significant infrastructure maintenance. Piping the consolidated ditches will significantly reduce the transit losses in the system and improve hay production. The proposed new diversion structure, headgate and pipeline will limit diversions to only those times when the property is being irrigated.

The District and the Town of Eagle are cooperating on this project and are both committed to the Brush Creek Watershed Management Plan. The Brush Creek Plan aims to prioritize the junior decreed CWCB minimum flows in Brush Creek, through agreed curtailment, improved irrigation efficiencies and stream flow monitoring. Brush Creek restoration will occur around the decommissioning and improvement of historical diversions structures.

Phase 2 (not included in application) addresses design and installation of the hay production field sprinklers which is expected to largely be funded by an EQIP grant. Phase 3 (separate application) addresses potable supply-demand management which capitalizes on the agricultural infrastructure to provide residential non-potable irrigation water, decreasing the demand on the Town of Eagle's water treatment plant and allowing the irrigation water to flow in Brush Creek for an additional four miles below the Town's intake.

Objectives: List the objectives of the project.

- Sustain and improve agricultural production on at least 320 acres within the Haymeadow Property and over 200 acres on the adjacent Eagle County Hardscrabble Conservation Easement.
- Install high conservation conveyance infrastructure for continued agricultural production.
- Preserve agricultural viability within Brush Creek and Eagle County through incorporation and dedication of hay production fields within Haymeadow Property and adjacent to the planned residential development.
- Work with regional partners to develop a multi-use beneficial project serving agricultural, environmental, municipal and open space interests.
- Reduce ditch losses by consolidating three ditches into one and piping the new ditch, allowing more water to be left in Brush Creek.
- Maintain decreed CWCB minimum flows in Brush Creek, thereby preserving healthy, high quality stream reaches with appropriate flows to support the environment, recreation, and safe drinking water.
- Work with Brush Creek partners to enforce and accomplish the Brush Creek Watershed Plan goals.
- Preserve and improve, open spaces, wetlands, trails, and wildlife corridors, to enhance environmental and recreational amenities.
- Integrate findings and recommendations from previous studies and assessments including:



- Raw Water Demands and Availability Report, dated February 14, 2017 by SGM.
- Non-Potable Irrigation System Alternatives Assessment, dated February 24, 2017 by SGM.
- ❖ Haymeadow PUD Zoning Plan, Subdivision Sketch Plan, PUD Development Plan, Subdivision Preliminary Plan, and Application, dated December 2013 by Plyman & Associates Inc.
- Wetland Delineation Report, dated October 2013 by Western Ecological Resource, Inc.
- Install long-term protections for existing wetlands within the Haymeadow Property and improve aquatic habitat in Brush Creek.
- Construct infrastructure to increase irrigation efficiencies by replacing flood irrigation with sprinklers (Phase 2), allowing more water to be left in Brush Creek
- Construct infrastructure that would allow for a gravity-fed sprinkler system to reduce expensive pump and energy costs.
- Install agricultural irrigation infrastructure to allow for additional uses such as residential non-potable irrigation system (Phase 3). Such residential system would reduce the peak demands on the Town's water treatment plant and keep irrigation water flowing in Brush Creek for an additional 4 miles before being diverted.
- Foster an understanding of the value of water within the community.
- Inspire and encourage other Western Slope communities and developments to implement water conservation and efficiencies.

Tasks

Provide a detailed description of each project task using the following format:

Task 1 - Design

Description of Task:

Consultants will design a new diversions structure, headgate and pipeline for the Love & White Ditch. Diversion structure will be designed to divert the required flows while providing enhanced aquatic habitat in Brush Creek. Diversion structure, and headgate will be designed to handle the combined decreed flows in the Love and White, Mathews and Wilkinson Ditches. The headgate will be designed with two parallel headgates for service to the Haymeadow Property and the Hardscrabble Conservation Property. The Haymeadow pipeline will be designed to a peak diversion rate of 15 CFS. The proposed 15,840 linear foot pipeline will be designed to capture and hold gravity pressure from the headgate to the point of use on the Haymeadow hay fields. Rehabilitation plans will be prepared for areas around the Mathews Ditch and Wilkinson Ditch headgates.

Consultants will develop 50%, 90% and 100% design submittals for the District, Town of Eagle, Eagle County and other partners to review and comment. Consultants will review available reports prepared for the Haymeadow Property to incorporate available wetlands, geotechnical and groundwater analyses. Consultant will coordinate additional site reconnaissance as needed including geotechnical investigation along the ditch alignment.

Consultant will coordinate with the proper agencies to obtain project authorization and notification including but not limited to: Eagle County, Town of Eagle, Army Corp of Engineers and Colorado Parks & Wildlife.

Method/Procedure:

- Project management services to ensure the project is on schedule and on budget and to address any impacts to the proposed plan.
- Develop a 50%, 90% and 100% level design drawings for the diversion structure, headgate and pipeline.
- Hold two stakeholder meetings to review the design at 50% and 90% submittals.
- Coordinate with other Love and White Ditch Owners on the redesign of a diversion structure, headgate and pipeline.



Tasks

- Coordinate on-site reconnaissance as needed such as survey and geotechnical investigations.
- Work with the Town of Eagle, Eagle County, Colorado Parks & Wildlife, and U.S. Army Corp of Engineers on all permitting and notification requirements.

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

- 50% and 90% level design drawings for review
- Final 100% construction ready design with engineer's opinion of probable cost and technical specifications

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

- Final 100% construction ready design with engineer's opinion of probable cost and technical specifications
- 6-month project status reports

Tasks

Provide a detailed description of each task using the following format:

Task 2 - Construction

Description of Task:

Contractor will construct the diversions structure, headgate and pipeline per final plans and specifications. River and riparian work will be coordinated within times and recommendations set by Colorado Parks and Wildlife so as not to disrupt spawning or critical plant growth periods. On-site construction inspections will occur to ensure the quality and implementation of the design and permit requirements. A final inspection will be performed with an as-built certification.

Method/Procedure:

- Project management services to ensure the project is on schedule and on budget and to address any impacts to the proposed plan.
- Coordinate construction times with Colorado Parks & Wildlife
- Coordinate construction per U.S. Army Corp of Engineers input, as needed.
- Coordinate with Town of Eagle

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

- Constructed diversion structure, headgate and pipeline system as designed in Task 1.
- Inspection reports following each weekly site visit by design engineer or consultant.
- As-built documentation of project upon completion.

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

- A final inspection will be performed with an as-built certification.
- A final project report summarizing the project accomplishments.



Budget and Schedule

This Statement of Work shall be accompanied by a combined Budget and Schedule that reflects the Tasks identified in the Statement of Work and shall be submitted to CWCB in excel format.

Reporting Requirements

Progress Reports: The applicant 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 applicant shall provide the CWCB a Final Report on the applicant'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.

The CWCB will withhold disbursement the last 10% of the budget until 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 purchase order or grant will be closed without any further payment.



Colorado Water Conservation Board

Water Plan Grant - Exhibit A Budget and Schedule

Date: September 29, 2017

Name of Applicant: Haymeadow Metropolitan District No. 6

Name of Water Project: Love & White Ditch Efficiency Project - Phase 1

Task No.	Task Description	Start Date ⁽¹⁾	End Date	ı	Grant Funding Request		Match Funding	Total
1	Design & Permitting	15-Mar-18	1-Sep-18	\$	40,000	\$	156,000	\$196,000
2	Construction & Inspections	1-Sep-18	1-May-19	\$	260,000	\$	2,869,800	\$3,129,800
3								\$0
								\$0
								\$0
								\$0
								\$0
								\$0
								\$0
								\$0
								\$0
								\$0
								\$0
			Total		\$300,000		\$3,025,800	\$3,325,800

⁽¹⁾ Start Date for funding under \$100K, minimum 45 Days from Board Approval; Start Date for funding over \$100K, minimum 90 Days from Board Approval;

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 grantee enters contract and receives formal NTP if

[•]The applicant shall provide a progress repost every 6 months, beginning from the date of contract execution.

[·]CWCB will withhold disbursement of the last 10% of the total grant amount until a Final Report is completed to the satisfaction of CWCB staff

Preliminary Cost Estimate Love and White Ditch Efficiency Project

Phase 1: Love and White Ditch Diversion Structure & Haymeadow Pipeline

PROJECT:HaymeadowDEFINITIONS:SGM NO.: $2016-277.001 \,\mathrm{ph}.08$ LS = Lump SumDATE: $15-\mathrm{Sep}-17$ LF = Lineal FeetCOST LEVEL:Budget and Planning LevelCY = Cubic YardsPREPARED BY:Jeff Simonson, PE, CFMSF = Square Feet

EA = Each

CONSTRUCTION ITEMS	Quantity	Unit	Co	Cost/Unit		STIMATED	% OF (1a)
CONSTRUCTION ITEMS						COST	
Diversion Structure and Head Gate	e at Brush C	reek					
Excavation	200	CY	\$	10	\$	2,000	0.1%
Backfill	100	LF	\$	15	\$	1,500	0.1%
Rip Rap	40	CY	\$	70	\$	2,800	0.1%
Concrete	40	CY	\$	1,500	\$	60,000	3.0%
24" HDPE pipe	20	LF	\$	120	\$	2,400	0.1%
18" HDPE pipe	20	LF	\$	100	\$	2,000	0.1%
24" Headgates	2	EA	\$	1,750	\$	3,500	0.2%
18" Headgates	2	EA	\$	1,500	\$	3,000	0.1%
24" Parshall Flume	1	EA	\$	1,500	\$	1,500	0.1%
Coanda Screen	2	EA	\$	3,000	\$	6,000	0.3%
24" Abrika Pipeline							
24" HDPE pipe	15,840	LF	\$	120	\$	1,900,800	94.4%
24" Tees	11	LF	\$	500	\$	5,300	0.3%
24" Valves (BF)	11	EA	\$	1,200	\$	13,200	0.7%
12" Valves (BF)	11	EA	\$	800	\$	8,800	0.4%
SUBTOTAL OF CONSTRUCTION ITEMS:						2,012,800	(1a)

Preliminary Cost Estimate Love and White Ditch Efficiency Project

OTHER PROJECT COSTS		ES	STIMATED	% OF (a)
			COST	
Bonds/insurance		\$	70,000	3.5%
Engineering/Geotech/Surveying			161,000	8.0%
Construction Administration/Testing			141,000	7.0%
Mobilization	\$	101,000	5.0%	
Permits - Allowance			5,000	0.2%
Construction Surveying			30,000	1.5%
Overhead and Profit			201,000	10.0%
Contingencies			604,000	30.0%
SUBTOTAL OF OTHER CONSTRUCTION COSTS:			1,313,000	(1b)

ENGINEER'S OPINION OF TOTAL CONSTRUCTION COSTS (1c) = (1a) + (1b)					
	\$3,325,800	(1c)			

NOTES:

Estimate based on SGM's judgement as a professional familiar with the industry, and based on similar projects. However, since SGM has no control over the cost of labor, materials, equipment, or services furnished by others, over contractor's methods of determining prices, or over competitive bidding or market conditions, SGM cannot and does not guarantee that proposals, bids, or actual construction cost will not vary from SGM's EOPC.

ASSUMPTIONS

- Cost estimate does not include municipal permitting fees.
- · No wetlands or environmental mitigations are necessary.
- Pipeline cost includes trenching, and bedding, assuming that pipelines are installed before construction of roads and no road repair is needed.
- · Costs assume raw water pipeline is burried 3 feet deep. The system will require winterization.
- Pipeline costs are for DR17 HDPE, because this was chosen as the best product for the cost. Other materials could be installed at different prices.



Natural Resources Conservation Service Glenwood Springs Service Center 258 Center Drive Glenwood Springs, CO 81601 Stephen R. Jaouen District Conservationist Direct Line: (970) 404-3443 Office: (970) 945-5494 stephen.jaouen@co.usda.gov

September 27, 2017

TO: Whom It May Concern

RE: Haymeadow – Love & White Ditch Efficiency Project

NRCS provides technical and financial assistance to private landowners through our Conservation Technical Assistance (CTA) funds and the Environmental Quality Incentives Program (EQIP). As it concerns the Haymeadow project, NRCS is available to provide assistance through these programs. However; due to limited staff time available it's with regret that we will only be able to provide limited services. For this project NRCS recommends that design services for such an involved project be sought through the private sector. This could be by contracting directly with an engineering service or through the use of the Technical Service Provider (TSP) program. The TSP program uses EQIP funds to offset the design, installation and checkout of conservation practices. Through this program the landowner would hire a TSP to provide these services on behalf of the NRCS. However, the TSP funds are only available for EQIP funded contracts. For more information or to locate a TSP please visit our website: https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/technical/tsp/

EQIP funds and TSP funds are available to all eligible lands and participants.

As far as NRCS is concerned the **land** that represents the agricultural production portion of the property is eligible for program assistance.

NRCS can't say if the **participants** are eligible as no eligibility paperwork has been filed to make that determination. For a participant to be eligible they must meet all the requirements that are spelled out in our Conservation Programs Manual, 440-515.152 EQIP Eligibility Documentation Checklist (attached). If the applicants meets these provisions the application will become eligible.

If you have any questions please contact me at the above number or by email.

Sincerely,

Stephen Jaouen USDA, NRCS Glenwood Springs Service Center

Enclosures – as listed above.

NRCS Helping People Help the Land

515.152 EQIP Eligibility Documentation Checklist

The following may be used as a guide in making eligibility determinations for EQIP applicants and is not intended to be a formal certification of eligibility. Although most eligibility requirements are included in this checklist, and not all criteria may be current or relevant for each application. NRCS staff must have a working knowledge of agency policy governing program eligibility and exercise due diligence in verification of eligibility of participants, land, and other requirements to approve applications, obligations, payments, and other related program benefits.

Applications must remain in "pending" status in ProTracts until all eligibility requirements have been met and the applicant has indicated the subaccounts that the application will be considered. NRCS is under no obligation to evaluate or rank an application until all eligibility requirements have been met. Refer to 440-CPM, Part 512, Subpart C, Section 512.24, for additional guidance.

EQIP Eligibility Documentation Checklist			
	PRODUCER-APPLICANT ELIGIBILITY		
Eligibility Criteria	(<) Flighlo	Acceptable Documentation and Certifications	
Must be a person (individual), legal entity, Indian Tribe, or joint operation		SCIMS or Business Partner Database: Each applicant must establish themselves as USDA customer and provide information for SCIMS or Business Partner database, including tax identification number that will be associated with the application and contract. Reference: 512.20C - FSA Notice MIDAS-29	
Additional requirements per form NRCS-CPA-1200 "Conservation Program Application" and agency program contracting policy 440 CPM part 512.		 DUNS (Dun and Bradstreet Data Universal Numbering System) Number Person – Individual (business type 1): A DUNS number is not required. Nonindividuals (all other eligible business types other than type 1): A DUNS number must be provided. Applicants without a DUNS number must request a number for U.S. Government contractors, grantees and loan recipients from either of the following:	
		Farm Records: All applicants must establish "farm records" at the appropriate USDA Farm Service Agency (FSA) office. To obtain required information to create farm records, FSA will conduct an interview or accept manually completed forms as follows: Person - Individual producers (business type 1): To establish farm records, these applicants must complete and submit Form CCC-902-I, "Farm Operating Plan for an Individual." Nonindividuals (all other eligible business types other than type 1): To	

EQIP Eligibility Documentation Checklist		
]	PRODUCER-APPLICANT ELIGIBILITY
Eligibility Criteria	(<) Flicible	Acceptable Documentation and Certifications
		 establish farm records, these applicants must complete and submit – Form CCC-902-E "Farm Operating Plan for an Entity," and Form CCC- 901 "Members Information." Reference: 512.20C
Must have legal signature authority to obligate an individual, legal entity, joint operation or Indian Tribe		See 440-CPM, Part 512, Subpart C, Section 512.21, for acceptable signatures and required documentation. For legal entities (business types 4, 5, 6, 7, 10, 17, 18), see the acceptable signature authority documentation required in 440-CPM, Part 512, Subpart C, Section 512.21.
Applicant must be an "agricultural producer"		Applicant self-certifies compliance when signing the NRCS-CPA-1200. References for verification: 515.51A; 512.22; FSA farm records.
		Note: NRCS must not establish or use any additional criteria for determination that an applicant is an agricultural producer other than what is cited in 515.51. Compliance with the provisions protecting the interests of tenants is outlined in the NRCS-CPA-1202 Appendix, which is a component of the contract.
Must have control of the land for the term of the proposed contract period		Applicant self-certifies compliance when signing the NRCS-CPA-1200. "Control" means possession of the land by ownership, written lease, or other legal agreement. When available, FSA records may be used to verify ownership. If the applicant is a tenant, the applicant must provide NRCS with written evidence or assurance of control from the landowner. Verification of control on Tribal lands may require consultation with the Bureau of Indian Affairs (BIA).
		Reference for verification: 515.51A(2); 512.22A; and 515.55
Be within appropriate payment limitation requirements of the Agricultural Act of 2014 and according to 440-CPM, Part 515, Subpart J, Section 515.92		Payment limitations are managed through business tools. Additional documentation or verification from the applicant is not required. ProTracts interfaces with Fund Manager and will provide notification of noncompliance with payment limitations before obligating a contract. Contracts with federally recognized Indian Tribes are not subject to payment or contract limitations. Reference: 515.51(5); 512.20C(1)
Be in compliance with the highly erodible land (HELC) & wetland conservation (WC) compliance provisions		Applicant must have a current AD-1026, "Highly Erodible Land Conservation and Wetland Conservation Certification," on file with the FSA. If the applicant does not have a current AD-1026 on file, he or she must complete an AD-1026 and submit to FSA. Eligibility determinations for HELC and WC compliance are managed through ProTracts and FSA business tools. References: 515.51(4); 512.20C(1); 512.22D(i), and 7 CFR part 12.

EQIP Eligibility Documentation Checklist		
]	PRODUCER-APPLICANT ELIGIBILITY
Eligibility Criteria	(<) Flicable	Acceptable Documentation and Certifications
Be in compliance with adjusted gross income (AGI) requirements as specified in 7 CFR Part 1400		EQIP applicants in FY 2015 and later must complete CCC-941, "Average Adjusted Gross Income (AGI) Certification and Consent to Disclosure of Tax information." Eligibility determinations for AGI compliance are managed through ProTracts and FSA business tools. Contracts with federally recognized Indian Tribes are not subject to AGI. Reference: 515.51(6); 512.20C(1); 512.22D(ii)
Historically underserved (HU) and veteran designations		HU applicants must self-certify their status when applying for EQIP on the NRCS-CPA-1200. Eligibility criteria for each historically underserved (BF/R, SDF/R, LRF/R) criteria is outlined in 440-CPM, Part 512, Subpart A, Section 512.5. This self-certification is subject to spot check and documentation must be provided according to 440-CPM, Part 512, Subpart F, Section 512.55D. Note: There is no verification needed or spot check allowed for SDF/R status.
Organic producers applying for the Organic Initiative		See requirements in reference: 440-CPM, Part 515, Subpart F, Section 515.51D(3) Note: Organic producers may apply for general EQIP without meeting any organic-related eligibility requirement.

See next section for EQIP requirements for "land eligibility."

EQIP Eligibility Documentation Checklist			
LAND ELIGIBILITY			
Eligibility Criteria	Acceptable Documentation		
	QIP, the land being offered for enrollment must meet land eligibility requirements. or EQIP land eligibility is found in 440-CPM, Part 515, Subpart F, Section 515.52.		
Basic land eligibility requirement 440-CPM, Part 515, Subpart F, Section 515.52	Eligible land includes agricultural land, nonindustrial private forest land, Tribal land, or other land that agricultural products, livestock, or forest-related products are produced. Land must be "producing" as follows: A. Any agricultural product or other crops listed in 515.52A(1)(i). Crop acreage reports from FSA may be used to document crop history. District conservationists may also certify production on the land by visual assessment and documentation in the case file. OR B. Any livestock type documented by visual observation as listed in 440-CPM, Part 515, Subpart F, Section 515.52A(1)(ii). Livestock is defined as agricultural operation involving the production, growing, raising, or reproduction of domestic livestock or livestock products. OR C. Any nonindustrial private forest land (NIPF) is eligible that meets the following criteria: • Has existing tree cover or is suitable for growing trees, and • Is owned by any nonindustrial private individual, group, association, corporation, Indian Tribe, or other private entity. Note: Lands permanently submerged under water may only be eligible if— 1. The proposed practices for funding are "land-based," and 2. FSA has established farm records, common land unit (CLU), etc. for the submerged land; and 3. The proposed practices address an identified natural resource concern.		
Be privately owned, Indian (Tribal) land, or public land . 440-CPM, part 515, subpart F, section 515.52A(2).	Eligible land includes the following: A. Privately owned. Ownership may be documented by deed or tax assessment or by FSA records, such as the FSA-156EZ. OR B. Publically owned land may be eligible if— • The land is a working component of the participant's ag operation; and • The participant has control of land for term of the contract; and • The proposed conservation practices are necessary and will contribute to an improvement in the identified natural resource concern; OR C. Indian land operated by a federally recognized Tribe.		
Have permission of the landowner to install a structural or	For leased land, the owner may provide letter or other signed document OR the landowner must sign the contract documents and be assigned 0 percent shares.		

EQIP Eligibility Documentation Checklist			
LAND ELIGIBILITY			
Eligibility Criteria	(✓) Eligible	Acceptable Documentation	
vegetative practice		Note: All landowners shown in ProTracts with 0 percent shares are not subject to any contract eligibility requirements since 0 percent contract shareholders are not receiving payments under the contract.	
		Reference: 440-CPM, Part 512; Subpart C, Section 512.22A(1).	
Have an identified natural resource concern that can be		The resource concern for each land unit to be considered for contract must be recorded on the NRCS-CPA-52 and in the Application Evaluation Ranking Tool (AERT) in ProTracts.	
addressed		References: 440-CPM, Part 512, Subpart B, Section 512.11A and 440-CPM, Part 515, Subpart F, Section 515.52A(4).	
Irrigation history		Applicant must provide one or more of the following:	
440-CPM, Part 515, Subpart F, Section		Written self-certification of the irrigation history, by year, and crops produced on the land with yields indicating irrigation	
515.52A(5)		Aerial photography coverage showing evidence of irrigation history on the property	
		 Copies of FSA records such as aerial compliance photography, Farm Acreage Report, Production History Report, and Risk Management Insurance 	
		 Water rights certificate, water rights maps and/or well or pumping plant permits issued by a federally recognized Tribe, State, or Federal agency 	
		Irrigation company share certificates and assessments that document water rights and water availability	
		Fuel bills or maintenance records documenting the use of an irrigation system with the presence of an operable irrigation system or reliable water source indicating the ability to irrigate	
		 Irrigation water management plans, water use reports or other evidence of implementation of irrigation related practices 	
		Other documentation as specified by state supplement to the EQIP manual	
		Note: The use of manual systems of irrigation by hose, buckets, or other hand delivery systems may be used as justification of irrigation history.	

See next section for EQIP requirements for "practice/activity eligibility."

EQIP Eligibility Documentation Checklist				
PRACTICE/ACTIVITY ELIGIBILITY				
Eligibility Criteria	(✓) Eligib	Acceptable Documentation		
must meet program	To be eligible for EQIP, the conservation practices or activities being requested for financial assistance must meet program eligibility requirements. Policy and criteria for EQIP practice eligibility is found in 440-CPM, Part 515, Subpart F, Section 515.52, and 440-CPM, Part 512, Subpart G, Section 512.65.			
Practice eligibility requirement – conservation benefit		Conservation practices and activities requested or proposed in the EQIP application are appropriate for ranking in the selected subaccount and indicate a positive conservation benefit in CPPE?		
		References: 440-CPM, Part 512, Subpart A, Section 512.0F(2); Subpart C, Section 512.25A, Subpart D, Section 512.31B(3); Subpart F, Section 512.65(9); and 440-CPM, Part 515, Subpart H, Section 515.72A; Subpart I, Sections 515.80A(2) and 515.81E.		
Practice eligibility requirement – meets FOTG standard or planning criteria		Proposed practice or activity is supported by practice standard or planning criteria for activities documented in the FOTG?		
Is a land-based		Proposed practice or activity is a "land-based" practice?		
practice?		Reference: 440-CPM, Part 515, Subpart F, Section 515.52(iv), 515.81A, and CPA-1200, "Contract Appendix."		
Is a "complete" practice?		Any proposed practice or activity must be a complete practice as defined by the standard or planning criteria for an activity. Program payments proposed for partially completed practices or incomplete practices are not allowed (e.g., components that do not meet the practice standard). Reference: 440-CPM, Part 512, Subpart G, Section 512.65.		
Practice or activity dependent upon another practice?		 Any proposed practice or activity that is dependent upon another practice not yet implemented in order to address the identified resource concern. Examples: Program payment is not allowed for— An irrigation system improvement if there is no reliable water supply available (e.g., well or surface water supply practice). A water and sediment control basin that also requires an underground outlet and critical area seeding to function properly. Reference: 440-CPM, Part 512, Subpart G, Section 512.65. 		

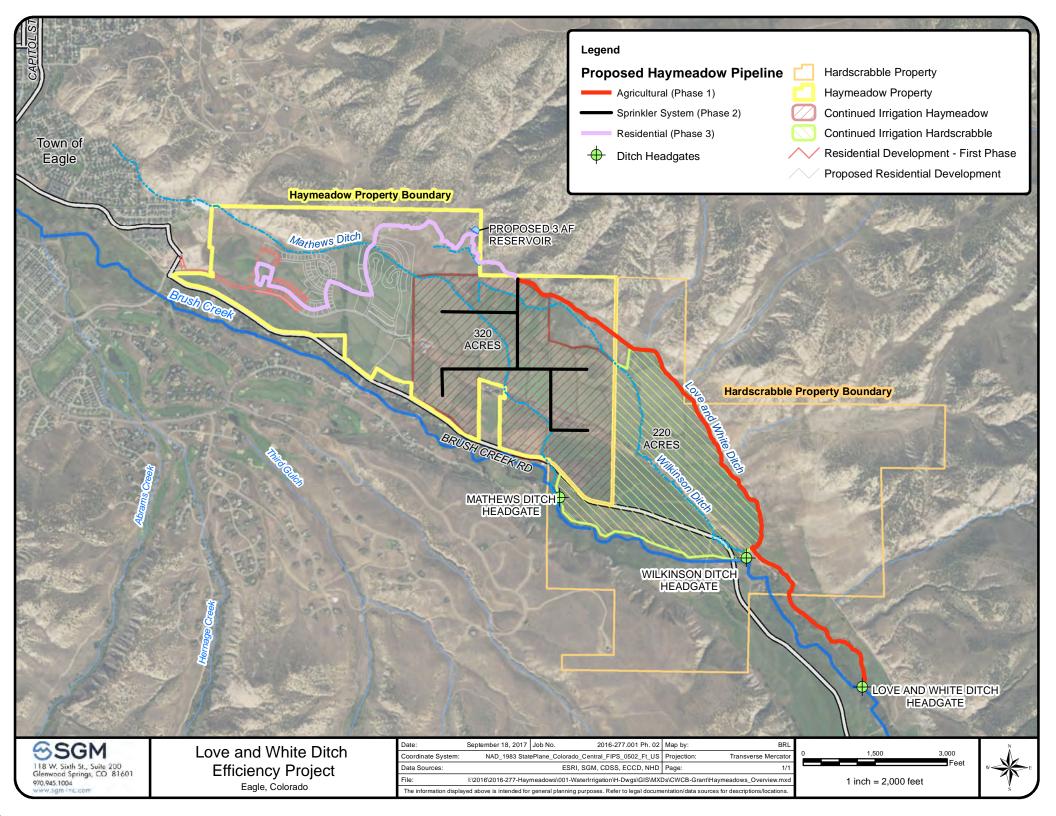
See next section for EQIP requirements for certification of "final eligibility."

EQIP Eligibility Documentation Checklist			
		FINAL APPLICATION ELIGIBILITY	
Eligibility Criteria	(✓) Eligible	Acceptable Documentation	
To document final eligibility requirements for EQIP have been met			
Complete application		Applicants must submit a completed, signed, and dated Form NRCS-CPA-1200, "Conservation Program Application." Note: Signature of applicant acknowledges receipt of applicable "Appendix to NRCS-CPA-1202 Conservation Program Contract" Reference: 512.20B(1) and 512.24.	
ProTracts certification 440-CPM, part 512,		When all applicable EQIP eligibility requirements for applicant, producer, land, and practice eligibility have been documented and verified, then select the "Yes" option for "Other Eligibility" on the ProTracts participant information screen.	
subpart C, section 512.22C		Other Eligibility: Reference: 512.22C	

Refer to 440-CPM, Part 512, Subpart J, for applicant notification of program eligibility certification requirements or ineligibility notice. If applicant is determined ineligible and confirmed, notification of this determination must be provided with appeal rights according to 440-CPM, Part 510, Subpart J, Section 512.90.

EXHIBIT C

- Figure 1 Overview Map
- Letters of Support
 - o Eagle River Watershed Council
 - o Colorado Basin Roundtable
- Reference Reports
 - o 2016 Eagle County Conservation Dist. Irrigation Asset Inventory Project Ditch Reports
 - Love & White Ditch Assessment Report
 - Wilkinson Ditch Assessment Report
 - o Haymeadow Development Raw Water Demands and Availability Report
 - o Haymeadow Development Non-Potable Irrigation System Alternatives Assessment





330 Broadway, Unit D PO Box 5740 Eagle, Colorado 81631 970-827-5406 info@erwc.org www.erwc.org

Advocates for our rivers

Brent Newman
Colorado Water Conservation Board
1313 Logan Street
Denver, CO 80203
Brent.Newman@state.co.us

RE: Support for Love and White Ditch Efficiency Project

Dear Mr. Newman,

Eagle River Watershed Council, to which I am the executive director, supports the Love and White Ditch Efficiency Project application to the Colorado's Water Plan Grants program offered by the Colorado Water Conservation Board (CWCB).

The Love and White Ditch Efficiency Project is supportive of the Watershed Council's mission to advocate for the health and conservation of the Upper Colorado and Eagle River basins through research, education and projects. It will consolidate three senior and large diversions on Brush Creek and pipe these ditches for more efficient agricultural use on over 500 acres of the Haymeadow and Hardscrabble properties. This project aims to restore Brush Creek connectivity by removing two dilapidated and leaking diversion structures and headgates and will improve the third to restore stream connectivity, increase stream flows and accurately divert needed agricultural water. These infrastructure improvements will rehabilitate the natural environment of Brush Creek and the subsequent riparian and aquatic ecosystems.

We understand this project is reflective of the Brush Creek Watershed Management Plan which aims to protect the CWCB junior instream flows in Brush Creek. Further with the development of this agricultural infrastructure future residential developments will be provided with gravity-fed non-potable irrigation water, reducing the energy use of a conventional system and allowing the irrigation water to flow in Brush Creek for an additional four miles below the Water Treatment Plant (WTP) to the Love and White Ditch before being diverted. This multi-beneficial project is in line with the Colorado Basin's BIP and Colorado's Water Plan in that it protects and improves the efficiency of agriculture, reduces the municipal supply and demand gap, and rehabilitates impacted

riparian and aquatic ecosystems. Additionally, it supports the Eagle River Watershed Plan, which was updated by Eagle River Watershed Council and adopted by Eagle County in 2013. The Plan called attention to the historical dewatering of Brush Creek from irrigation diversions and encouraged strategies much like the ones proposed in the Love & White Ditch Efficiency Project.

I respectfully encourage you to give the Love and White Ditch Efficiency Project application the highest consideration.

Sincerely,

Holly Loff

Executive Director

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

September 29, 2017

Brent Newman and Greg Johnson Colorado Water Conservation Board 1313 Sherman Street Denver, CO 80203 Brent.Newman@state.co.us Greg.Johnson@state.co.us

RE: Support for Love and White Ditch Efficiency Project – Phase 1 & 3

Dear Mr. Newman and Mr. Johnson,

I am writing to express the Colorado Basin Roundtables support for the Love and White Ditch Efficiency Project Phases 1 & 3 application to the Colorado Water Plan Grants program. The Love and White Ditch Efficiency Project will consolidate three senior and large diversions on Brush Creek and pipe the new ditch, providing for more efficient water delivery on at least 320 acres of hay production on the Haymeadow Property and hopefully several hundred more acres on the adjoining Hardscrabble Conservation Easement. This project aims to restore Brush Creek connectivity by consolidating three ditches into one to restore stream connectivity, improve stream flows and accurately measure diverted agricultural water. These agricultural infrastructure improvements were identified top priorities in the Eagle County Conservation District Irrigation Asset Inventory Project funded by the Roundtable in 2016 and was an IPP in our 2015 BIP.

The project aims to meet several of our priority Themes identified in our BIP, including:

Theme 1 – Protect and Restore Healthy Streams, Rivers, Lakes and Riparian Areas

Theme 2 – Sustain Agriculture

Theme 3 – Secure Safe Drinking Water

Theme 4 – Encourage a High Level of Basinwide Conservation

The Colorado Basin Roundtable understands that a grant request for Basin WSRF will be forthcoming and at this time has not committed any funds to this project.

Sincerely,

Jim Pokrandt

ym Pokraudt

Colorado Basin Roundtable Chair