



Last Update: July 31, 2018

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:

Arkansas

Ben Wade
ben.wade@state.co.us
303-866-3441 x3238

Gunnison | North Platte | South Platte | Yampa/White

Craig Godbout
craig.godbout@state.co.us
303-866-3441 x3210

Colorado | Metro | Rio Grande | Southwest

Megan Holcomb
megan.holcomb@state.co.us
303-866-3441 x3222

WSRF Submittal Checklist (Required)

X	I acknowledge this request was recommended for CWCB approval by the sponsoring roundtable.
X	I acknowledge I have read and understand the 2016 WSRF Criteria and Guidelines .
	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract . ⁽¹⁾
Application Documents	
X	Exhibit A: Statement of Work ⁽²⁾ (<i>Word – see Template</i>)
X	Exhibit B: Budget & Schedule ⁽²⁾ (<i>Excel Spreadsheet – see Template</i>)
X	Letters of Matching and/or Pending 3 rd Party Commitments ⁽²⁾
X	Map ⁽²⁾
X	Photos/Drawings/Reports
X	Letters of Support
Contracting Documents ⁽³⁾	
X	Detailed/Itemized Budget ⁽³⁾ (<i>Excel Spreadsheet – see Template</i>)
	Certificate of Insurance ⁽⁴⁾ (<i>General, Auto, & Workers' Comp.</i>)
X	Certificate of Good Standing ⁽⁴⁾
	W-9 Form ⁽⁴⁾
	Independent Contractor Form ⁽⁴⁾ (<i>If applicant is individual, not company/organization</i>)
	Electronic Funds Transfer (ETF) Form ⁽⁴⁾

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

(2) Required with application if applicable.

(3) Additional documentation providing a Detailed/Itemized Budget maybe required for contracting. Applicants are encouraged to coordinate with the CWCB Project Manager to determine specifics.

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



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Schedule		
CWCB Meeting	Application Submittal Dates	Type of Request
January	December 1	Basin Account; BIP
March	February 1	Basin/Statewide Account; BIP
May	April 1	Basin Account; BIP
July	June 1	Basin Account; BIP
September	August 1	Basin/Statewide Account; BIP
November	October 1	Basin Account/BIP

Desired Timeline	
Desired CWCB Hearing Month:	Nov 2019
Desired Notice to Proceed Date:	Dec 15, 2019

Water Activity Summary		
Name of Applicant	Missouri Heights – Mountain Meadows Irrigation Company Felix Tornare	
Name of Water Activity	Missouri Heights – Mountain Meadows Irrigation Company Ditch Pipelining Final Phase	
Approving Roundtable(s)		Basin Account Request(s) ⁽¹⁾
Colorado River Basin Roundtable		\$40,000.00
Basin Account Request Subtotal		\$ 40,000.00
Statewide Account Request ⁽¹⁾		\$
Total WSRF Funds Requested (Basin & Statewide)		\$ 40,000.00
Total Project Costs		\$ 522,300.00

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



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Grantee and Applicant Information	
Name of Grantee(s)	Missouri Heights – Mountain Meadow Irrigation Company
Mailing Address	P. O. Box 548 Carbondale, CO 81623
FEIN	*****2559
Grantee's Organization Contact ⁽¹⁾	Felix Tornare
Position/Title	Pres. Missouri Heights – Mountain Meadow Irrigation Company
Email	tornare@sopris.net
Phone	970 379 4446
Grant Management Contact ⁽²⁾	Leslie G. Lewis
Position/Title	Treasurer Missouri Heights – Mountain Meadow Irrigation Company
Email	gaylord.lewis@gmail.com
Phone	970 963 3653
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 Missouri Heights - Mountain Meadow Irrigation Company is an incorporated ditch company in the State of Colorado. The Company has an elected board of directors that manage the day-to-day business and operation of the ditch. The Ditch has a hired "ditch walker" to manage flows. The ditch company serves 53 users including private landowners and homeowners'.</p>



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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.
	Public (Districts): authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises
X	Private Incorporated: mutual ditch companies, homeowners associations, corporations
	Private Individuals, Partnerships, and Sole Proprietors: are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
	Non-governmental organizations: broadly, any organization that is not part of the government
	Covered Entity: as defined in Section 37-60-126 Colorado Revised Statutes

Type of Water Activity (check one)	
	Study
X	Implementation

Category of Water Activity (check all that apply)		
	Nonconsumptive (Environmental)	
X	Nonconsumptive (Recreational) Spring Park Reservoir has become a highly use bird watching area. This project will help extend the season of use.	
X	Agricultural	
	Municipal/Industrial	
	Needs Assessment	
	Education & Outreach	
	Other	Explain:

Location of Water Activity	
Please provide the general county and coordinates of the proposed activity below in decimal degrees . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Counties	Eagle and Garfield Counties, Colorado
Latitude	39.4301321
Longitude	-107.0897941



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Water Activity Overview

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

This project and service area lies in the Roaring Fork Valley in the southwestern portion of Eagle County and the eastern portion of Garfield County, Colorado. The Ditch Company has approximately 6 miles of ditch starting at the outlet of the Spring Park Reservoir.

Phase B – 2, the final phase, will line 5,520 feet of canal with 2,295 feet of 36 inch ADS plastic pipe and 3,225 feet of 42 inch ADS plastic pipe to prevent the loss of water due to ditch seepage and evaporation. This project will include 3 concrete structures for inlet and outlet of water.

Water for the Missouri Heights - Mountain Meadow Irrigation Company ditch is supplied by a direct diversion from Cattle Creek, delivered through an open ditch to Spring Park Reservoir. The water is withdrawn from the reservoir as needed by the shareholders. Water Rights are 13 CFS with an appropriation date of May 31, 1902 and a second right for 40 cfs with an appropriation date of December 28, 1911. The Ditch is usually turned on in the first two weeks of May and runs until about the first of October.

The users are approximately 65% to 75% agricultural. The Missouri Heights - Mountain Meadow Irrigation Company provides water to irrigate about 2000 acres for cattle ranching, hobby farms, nursery trees, sod production, and for hay production. The hay crop is used as cattle and horse feed or is sold.

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	
1700 ac ft	Existing Storage Preserved or Enhanced (acre-feet)	
	Length of Stream Restored or Protected (linear feet)	
300 ac ft est.	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
	Area of Restored or Preserved Habitat (acres)	
5520 ft	Length of Pipe/Canal Built or Improved	
	Other	Explain:



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Water Activity Justification

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

For applications that include a request for funds from the Statewide Account, the proposed water activity shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan criteria for state support (CWP, Section 9.4, pp. 9-43 to 9-44;) (Also listed pp. 4-5 in [2016 WSRF Criteria and Guidelines](#)).

As referenced in Section 6 of the Colorado River Basin Roundtable, Colorado Basin Implementation Plan; Regional Breakdown 6.5-Middle Colorado Region - The Missouri Heights – Mountain Meadow Irrigation Company is planning to install practices that will correct or improve identified water issues. The proposed pipeline will reduce water loss to evaporation and water seepage, as well as, reduce salts and other contaminants from getting to the underground flow reaching the Roaring Fork and Colorado Rivers. These project will promote sustaining agriculture by reducing water loss and proper use and application of water, and reduce erosion in the irrigation ditches.

The Missouri Heights – Mountain Meadow Irrigation Company users plan to complete this project in order protect and restore healthy streams, rivers, lakes, and riparian areas by reducing our current erosion and salinity issues, by piping this final segment of the main supply ditch. Over the last several years the Company has piped about 15,000 feet of the main ditch. This project will complete the lining of the main ditch.



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

Matching Requirements: Basin Account Requests	
Basin (only) Account grant requests require a 25% match (cash and/or in-kind) from the Applicant or 3 rd 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)
Missouri Heights – Mountain Meadows Irrigation Company	\$ 62,300.00 cash
Missouri Heights – Mountain Meadows Irrigation Company	\$ 9,000.00 in kind admin.
Mount Sopris Conservation District engineering and installation	\$ 15,000.00 in kind
NRCS – Environmental Quality Incentives Program	\$ 273,000.00 incentive cash
NRCS – Engineering and installation Assistance	\$ 45,000.00 in kind
Total Match	\$ 404,300.00
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	none

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 rd party (cash, in-kind, or combination). The remaining 30% of the required match may be provided from any other source (Basin, applicant, or 3 rd 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):
N/A	
Total Match	\$



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Matching Requirements: Statewide Account Requests

If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	N/A
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Related Studies

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

The Missouri Heights – Mountain Meadow Irrigation Company retained an engineering Firm to complete and inventory of the entire Ditch. This inventory has been used to help select the most important segment of ditches to work on first to address the highest concern on the ditch. And assisted in funding and phasing of the projects over the last five years.

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

Missouri Heithts -- Montain Meado Irrigation Company has use CWCB's revolving loan several times since 2014. Have barrowed about \$476,000.00 over the years and have paid back all but \$76,000.00.

And We have used the WSRF Grant program 5 times for a total of \$430,000.00.
All the funding has been used for lining ditches or instlling pipelines.

20Tax 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.



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

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This ditch is not a taxing athourty .

**Water Supply Reserve Fund
Water Activity Summary Sheet
November 21, 2019
Agenda Item 17(c)**

Applicant & Grantee: Missouri Heights Mountain Meadow Irrigation Company
Water Activity Name: Irrigation Pipeline Final Phase B2
Water Activity Purpose: Agricultural Implementation
County: Eagle and Garfield
Drainage Basin: Colorado
Water Source: Cattle Creek
Amount Requested: \$40,000 Colorado Basin Account
Matching Funds: Applicant Match (cash & in-kind) = \$404,300

- 1010% of the Basin Account request (meets 25% min)
- 77% of the total project cost of \$522,300

Staff Recommendation:

Staff recommends approval of up to \$40,000 from the Colorado Basin Account to help fund the project titled: Irrigation Pipeline Final Phase B2.
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Water Activity Summary: WSRF grant funds, if approved, will help the Missouri Heights Mountain Meadow Ditch Company in their final phase (Phase B2) of ditch efficiency improvements. This phase will line 5,520 feet of canal with 2,295 feet of 36-inch plastic pipe and 3,225 feet of 42-inch plastic pipe to reduce ditch water loss, erosion, and salinity. This project will include three inlet/outlet concrete structures. Water for the Missouri Heights Mountain Meadow Irrigation Company ditch is supplied by a direct diversion from Cattle Creek delivered through an open ditch to Spring Park Reservoir in the Roaring Fork Valley. The ditch company owns about 6 miles of ditch starting at the outlet of the Spring Park Reservoir, which irrigates about 2000 acres for cattle ranching, hobby farms, nursery trees, sod production, and hay production.

Discussion: As described in the Colorado Basin Roundtable (BRT) chair's recommendation letter, this project was unanimously supported and recommended for approval by the roundtable on September 23, 2019. This was a reduction from the original \$140,000 request due to the balance of the Colorado BRT WSRF account. This project supports the Colorado Basin Implementation Plan and Colorado Water Plan goals of sustaining agriculture by repairing aging infrastructure and improving delivery system efficiencies.

Issues/Additional Needs: None

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

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

Funding Summary / Matching Funds:

<u>Funding Source</u>	<u>Cash</u>	<u>In-Kind</u>	<u>Total</u>
Missouri Heights – Mountain Meadows Irrigation Company	\$62,300	\$9,000	\$71,000
Mount Sopris Conservation District	\$0	\$15,000	\$15,000
NRCS – Environmental Quality Incentives Program	\$273,000	\$45,000	\$318,000
CWCB Loan (active)	\$78,000	n/a	\$78,000
Subtotals	\$413,300	\$69,000	\$482,300
WSRF Colorado Basin Account	\$40,000	n/a	\$40,000
Totals	\$453,300	\$69,000	\$522,300

CWCB Project Manager: Cole Bedford

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

May 24, 2019

Megan Holcomb
Colorado Water Conservation Board
Water Supply Planning Section
1313 Sherman Street
Denver CO

Dear Megan:

The Colorado Basin Roundtable voted unanimously at its September 23, 2019 meeting to grant the Missouri Heights-Mountain Meadows Irrigation Co. \$40,000 from our WSRF Basin Account for the final phase of its irrigation modernization project.

This is a reduction from the request for \$140,000. The CBRT is facing a lot of worthy competition for its WSRF monies and the Severance Tax challenges of the past few years are still living with us. The reduction in the request relates to these challenges, not the merits of the project.

The final phase, will line 5,520 feet of a canal with 2,295 feet of 36-inch plastic pipe and 3,225 feet of 42-inch plastic pipe to prevent the loss of water due to ditch seepage. This comports with our Basin Implementation Plan in our theme of sustaining agriculture and our general work to help existing irrigation infrastructure stay in good stead and get the maximum use of its water rights.

Sincerely yours,

A handwritten signature in black ink, reading "Jim Pokrandt". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Jim Pokrandt
Chair, Colorado Basin Roundtable