

**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



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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A

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.



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This ditch is not a taxing athourty .



Last Update: January 9, 2018

Colorado Water Conservation Board	
Water Supply Reserve Fund	
<u>Exhibit A - Statement of Work</u>	
Date: 7-11-19	
Water Activity Name:	Irrigation Pipeline Phase B – 2 final phase
Grant Recipient:	Felix Tornare for Missouri Heights - Mountain Meadow Irrigation Company
Funding Source:	Water Supply Reserve Fund
Water Activity Overview: (Please provide brief description of the proposed water activity (no more than 200 words). Include a description of the overall water activity and specifically what the WSRF funding will be used for.	
<p>Install plastic pipeline to reduce water loss, erosion, and salinity. We are proposing installing a total of 5520 feet of pipe.</p> <p>3225 ft of 42" HDPE underground pipe, installed on the main ditch below the Eagle county road serving the area of the Missouri Heights – Mountain Meadow Irrigation Company.</p> <p>2295 ft of 30" HDPE underground pipe installed for water delivery below a diversion that supplies what is referred to as the Middle Ditch.</p> <p>Concrete inlet and outlets boxes will be installed to control and ensure the water appropriately enters the pipeline, and eliminating erosion.</p>	
Objectives: (List the objectives of the project)	
<p>The objective of the project is to reduce water loss due to evaporation and percolation into the soil.</p> <p>This project lies in the Roaring Fork Valley in the eastern portion of Garfield County, Colorado. The Missouri Heights - Mountain Meadow Irrigation Company operates the Missouri Heights Mountain Meadow Irrigation Company Ditch for the benefit of the shareholders by providing irrigation water from the Spring Park Reservoir.</p> <p>The portion of the earthen ditch about one mile below the Reservoir loses as much as 10% of the water in the ditch due to seepage through the course and rocky soils. The Ditch Company diverts an extra 7 cfs of water to carry the water to the users below this segment of the Northern most lateral. The Missouri Heights - Mountain Meadow Irrigation Company wants to install pipeline to improve the delivery efficiency of the ditch. Proposed work will take place in the fall of 2019 or the spring of 2020 while the ditch is not in use.</p>	



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The proposal is to install 5526 ft of HDPE plastic to control the loss of water in the seeping canal. The pipeline will prevent water loss due to ditch seepage.

Along with the pipeline the project consists of three concrete water inlet and control structures.

Without controlling seepage from the ditch water loss will continue.



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Tasks
Provide a detailed description of each task using the following format:
<u>Task 1 – Complete engineering of Pipelines and Concrete Structures</u>
Description of Task: Secure an Engineer that has the skills knowledge and abilities to design draw and oversee the construction of the pipeline, structures and reclamation work.
Method/Procedure: Natural Resources Conservation Service Engineers will design and prepare mechanical drawings to adequate detail that a construction company can build and install all work to meet the NRCS Standards and specification for the pipeline, concrete structure and other work.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Design sheets and mechanical drawings along with standards and specifications.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Design sheets and mechanical drawings along with standards and specifications.



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Tasks
Provide a detailed description of each task using the following format:
<u>Task 2 – Concrete inlet box structure</u>
Description of Task: Complete needed grading and shaping of site to ensure the structure can be formed, reinforced, and poured according to standards and specifications. Work will be completed in a safe and in a quality manner. Site will be smoothed, graded and finished in a professional manner.
Method/Procedure: Tasks will include the forming of the structure, obtaining of the engineer's approval of forming before proceeding to the pouring of concrete. Insure the engineer is on site at the time of pour. Insure the concrete meets standards and specifications. Remove forms in a timely manner. Allow adequate time for concrete curing. Back fill and complete grading and shaping.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) One completed structure that will function as designed to properly have water flow into and fill the pipe.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) Certification from the engineer that the structure meets standards and specification. Provide red lined copies of drawing showing corrections and or additions and copies of the invoicing to document costs.



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Tasks
Provide a detailed description of each task using the following format:
<u>Task 3 – Installation of 3225 ft. of 42 dia. in. HDPE pipe</u>
Description of Task: Purchase required sizes, lengths, and fittings needed to install the pipeline. Properly grade excavate, place, and cover the pipe to standard drawings and specifications. If a problem occurs the Engineer will be contacted and consulted.
Method/Procedure: Contract with a quality respectable contractor with adequate equipment to install the pipeline to standards and specifications.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) Have a quality pipeline installed that meets standards and specifications. Certification that the work is properly completed and meets the standards and specification.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) Have a quality structure installed that meets standards and specifications. Certification that the work is properly completed and meets the standards and specification. Provided with documentation of the work installed and completed. As built drawings will be included.



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Tasks
Provide a detailed description of each task using the following format:
<u>Task 4 - Installation of 2295 ft. of 30 dia in. HDPE pipe</u>
Description of Task: Purchase required sizes, lengths, and fittings needed to install the pipeline. Properly grade excavate, place, and cover the pipe to standard drawings and specifications. If a problem occurs the Engineer will be contacted and consulted.
Method/Procedure: Contract with a quality respectable contractor with adequate equipment to install the pipeline to standards and specifications.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) Have a quality pipeline installed that meets standards and specifications. Certification that the work is properly completed and meets the standards and specification.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) Have a quality structure installed that meets standards and specifications. Certification that the work is properly completed and meets the standards and specification. Provided with documentation of the work installed and completed. As built drawings will be included.



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Tasks
Provide a detailed description of each task using the following format:
<u>Task 5 - Concrete inlet box structure</u>
Description of Task: Complete needed grading and shaping of site to ensure the structure can be formed, reinforced, and poured according to standards and specifications. Work will be completed in a safe and in a workmanship manner. Site will be smoothed, graded and finished in a professional manner.
Method/Procedure: Tasks will include the forming of the structure, obtaining of the engineer's approval of forming before proceeding to the pouring of concrete. Insure the engineer in on site at the time of pour. Insure the concrete meets standards and specifications. Remove forms in a timely manner. Allow adequate time for concrete curing. Back fill and complete grading and shaping.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) One completed structure that will function as designed to properly have water flow into and fill the pipe.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) Certification from the engineer that the structure meets standards and specification. Provide red lined copies of drawing showing corrections and or additions and copies of the invoicing to document costs.



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Tasks
Provide a detailed description of each task using the following format:
<u>Task 6 – Reclamation and final grading and shaping</u>
Description of Task: All needed smoothing and grading and seeding will be done to control erosion and protect completed structure and pipes
Method/Procedure: A Contractor will be contracted to complete the reclamation work and will use proper construction methods and workmanship.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) All work will be completed to NRCS standards and specifications.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) Photos of the area will be included in the final report to show that reclamation work has been completed.



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Tasks
Provide a detailed description of each task using the following format:
<u>Task 7- Preparation of all final paperwork</u>
Description of Task: Collect all necessary invoices, photos, certifications, and prepare a completion report for all funding entities.
Method/Procedure: Gather and organize in a logical manner all item that will produce a quality final report.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) Proper documentation to receive cost share funds and promote implementation of quality conservation work.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) Final paper documents and all information to justify project completion.



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Budget and Schedule

Exhibit B - 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. A separate excel formatted Budget is required for engineering costs to include rate and unit costs.

Reporting Requirements

Progress Reports: The grantee shall provide the CWCB a progress report every 6 months, beginning from the date of issuance of a purchase order, or the execution of a contract. The progress report shall describe the status of the tasks identified in the statement of work, including a description of any major issues that have occurred and any corrective action taken to address these issues. The CWCB may withhold reimbursement until satisfactory progress reports have been submitted.

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

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

Payments

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

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

Performance Requirements

Performance measures for this contract shall include the following:

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

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

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

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



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**COLORADO**Colorado Water
Conservation Board

Department of Natural Resources

Colorado Water Conservation Board**Water Supply Reserve Fund****EXHIBIT B - BUDGET AND SCHEDULE - Direct & Indirect (Administrative) Costs****Date: July 14 2019****Water Activity Name: Missouri Heights - Mountain Meadows Irrigation Company Final Phase Pipeline****Grantee Name: Felix Tornare**

Task No. ⁽¹⁾	Description	Start Date ⁽²⁾	End Date	Matching Funds (cash & in-kind) ⁽³⁾	WSRF Funds (Basin & Statewide combined) ⁽³⁾	Total
1	Engineering of Pipelines and Boxes	May 15, 2019	April 20,2020	\$45,000	\$0	\$45,000
2	Concrete Inlet Box Construction	Sept. 15,2019	Nov. 20,2020	\$14,000	\$0	\$19,000
3	3225 ft of 42" HDPE pipe installation	October 15, 2020	Nov. 20,2020	\$296,500	\$0	\$296,500
4	2295 ft of 30" HDPE pipe installation	October 15, 2020	Nov. 20,2020	\$197,300	\$0	\$197,300
5	Concrete Outlet Box Construction	October 15, 2020	Nov. 20,2020	\$13,500	\$0	\$13,500
6	Reclamation and final grading and shaping	October 15, 2020	Nov. 20,2020	\$35,000	\$40,000	\$75,000
7	Preparation of all Final Paperwork	April 21, 2020	Nov. 20,2020	\$13,000	\$0	\$13,000
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
Total				\$614,300	\$40,000	\$544,300

(1) The single task that include costs for Grant Administration must provide a labor breakdown (see Indirect Costs tab below) where the total WSRF Grant contribution towards that task does not exceed 15% of the total WSRF Grant amount.

(2) Start Date for funding under \$100K - 45 Days from Board Approval; Start Date for funding over \$100K - 90 Days from Board Approval.

(3) Round values up to the nearest hundred dollars.

• Additional documentation providing a Detailed/Itemized Budget may be required for contracting. Applicants are encouraged to coordinate with the CWCB Project Manager to determine specifics.

• Reimbursement eligibility commences upon the grantee's receipt of a Notice to Proceed (NTP)

• NTP will not be accepted as a start date. Project activities may commence as soon as the grantee enters contract and receives formal signed State Agreement.

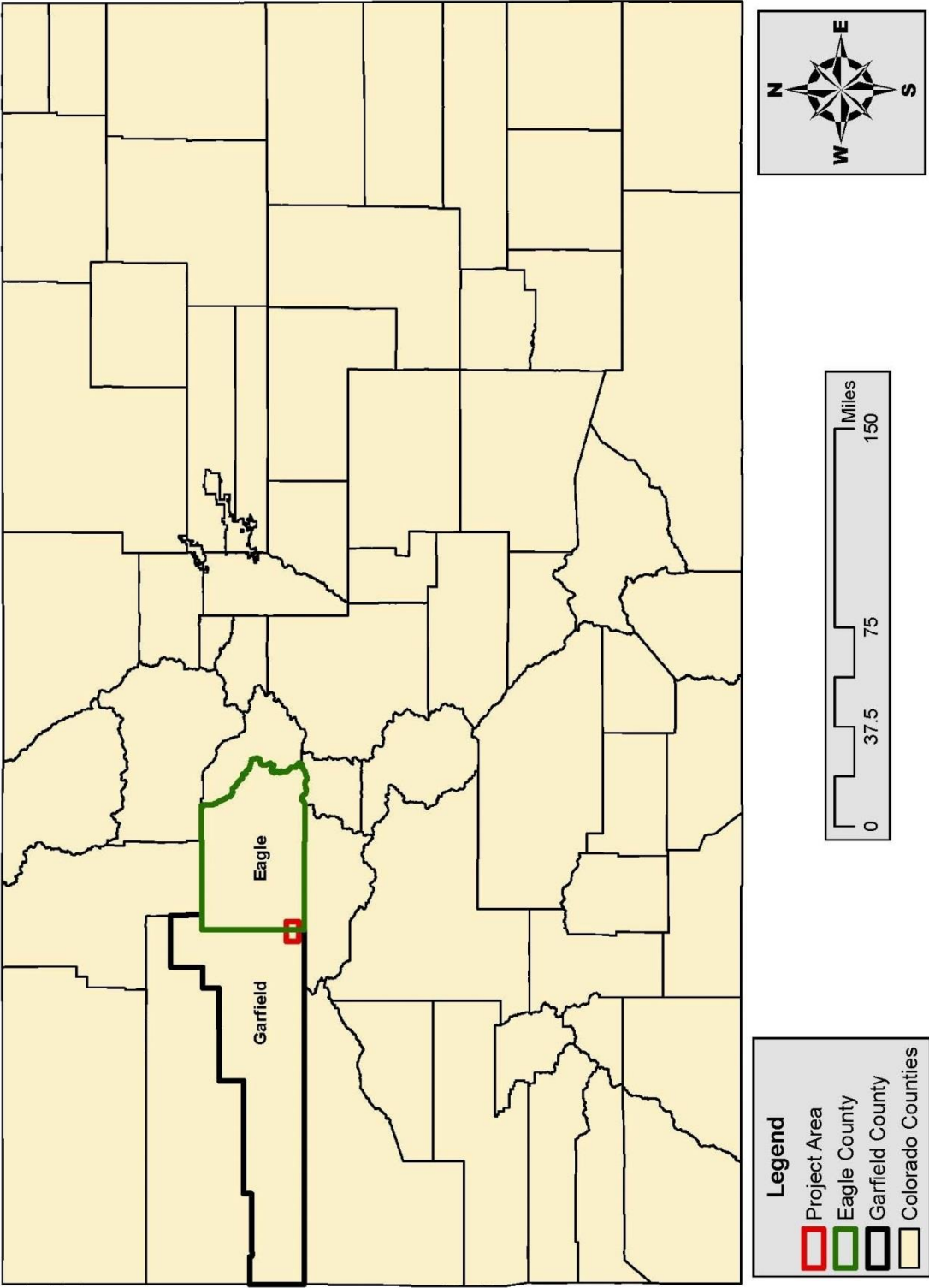
The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of the CWCB staff project manager. Once the Final Report has been accepted, the final payment has been issued, the water activity and purchase order (PO) or contract will be closed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

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

• Standard contracting procedures dictate that the Expiration Date of the contract shall be 5 years from the Effective Date.

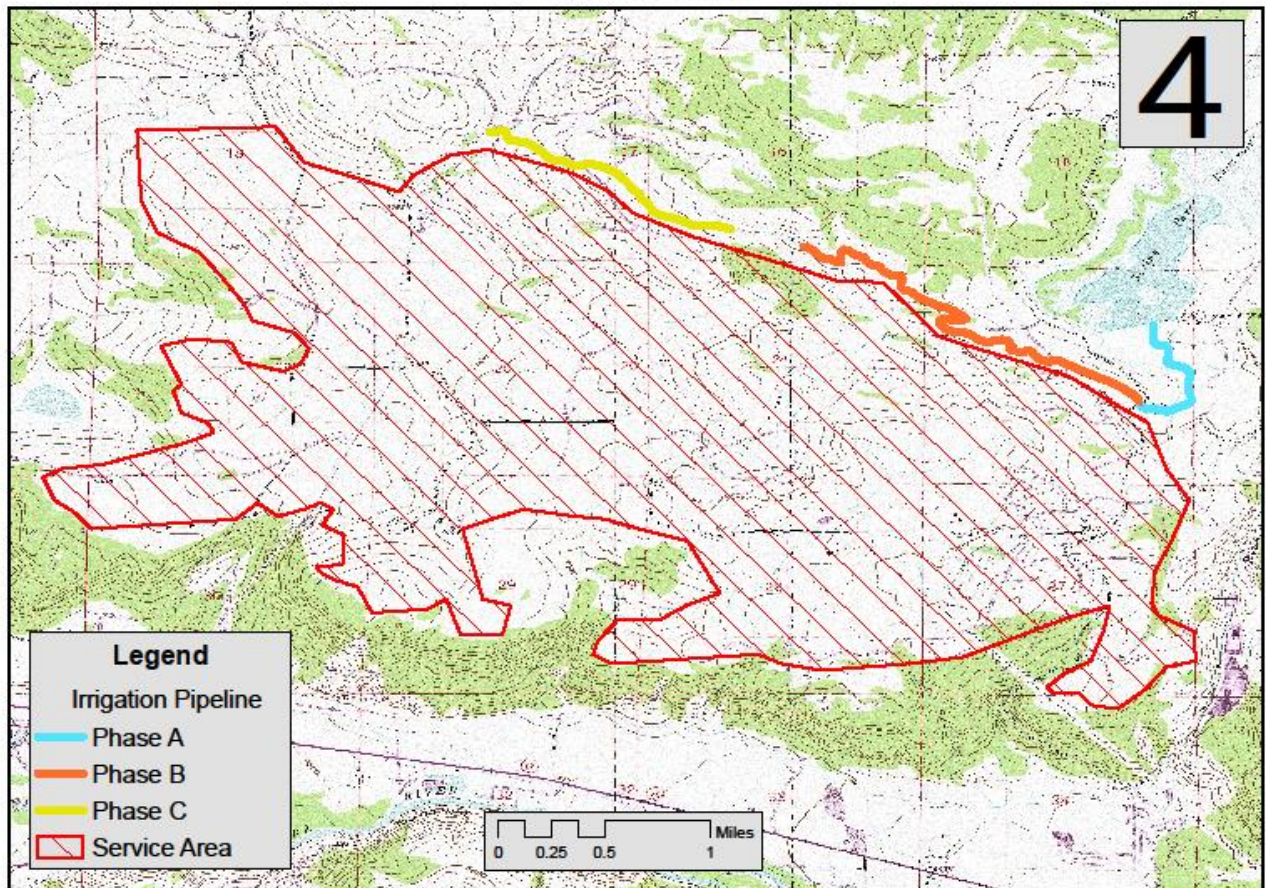
Exhibit B
General Location Map

Missouri Heights-Mountain Meadow
Location Map



Topography Map of Project Area

Missouri Heights-Mountain Meadow Service Area Map



Service Area Map

Missouri Heights-Mountain Meadow
Service Area Map

