



Last Update: July 20, 2021

Colorado Water Conservation Board
Water Supply Reserve Fund Grant Application

Instructions

All WSRF grant applications shall conform to the current [2020 WSRF Criteria and Guidelines](#).

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

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

Ben Wade ben.wade@state.co.us 303-866-3441 x3238 (office)	Sam Stein Sam.stein@state.co.us 303-866-3441 (office)
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WSRF Submittal Checklist (Required)
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YES ☐ NO ☐ This request was recommended for CWCB approval by the sponsoring roundtable.

YES ☐ NO ☐ I have read and understand the [2020 WSRF Criteria and Guidelines](#).

YES ☐ NO ☐ Grantee will be able to contract with CWCB using the [Standard Contract](#).¹

Application Documents included:

YES ☐ NO ☐ Exhibit A: Statement of Work² (*Word – see Template*)

YES ☐ NO ☐ Exhibit B: Budget (including Detailed Budget) & Schedule² (*Excel Spreadsheet – see Template*)

YES ☐ NO ☐ Letters of Matching and/or Pending 3rd Party Commitments²

YES ☐ NO ☐ Map²

YES ☐ NO ☐ Photos/Drawings/Reports

YES ☐ NO ☐ Letters of Support

Contracting Documents³

YES ☐ NO ☐ Detailed/Itemized Budget³ (*Excel Spreadsheet – see Template*)

YES ☐ NO ☐ Certificate of Insurance⁴ (*General, Auto, & Workers’ Comp.*)

YES ☐ NO ☐ Certificate of Good Standing⁽⁴⁾

YES ☐ NO ☐ W-9 Form⁴

YES ☐ NO ☐ Independent Contractor Form⁴ (*If applicant is individual, not company/organization*)

YES ☐ NO ☐ Electronic Funds Transfer (ETF) Form⁴

¹Click “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	October 1	Basin Account
March	December 1	Basin/Statewide Account/Water Plan Grant Match ¹
May	February 1	Basin Account
July	April 1	Basin Account
September	June 1	Basin/Statewide Account
November	August 1	Basin Account

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

Water Activity Summary		
Name of Applicant	Double Heart LLC	
Name of Water Activity	Hot Springs Reservoir Outlet Gate Improvement and Automation	
Approving Roundtable(s)	Basin Account Request(s) ¹	
Gunnison	\$30,000	
Basin Account Request Subtotal	\$30,000	
Basin Account Request Subtotal Approved by Roundtable	\$	
Statewide Account Request ⁽¹⁾	\$ 0	
Total WSRF Funds Requested (Basin & Statewide)	\$ 25000	
Total Project Costs	\$ 65000	

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

Grantee and Applicant Information	
Name of Grantee(s)	Double Heart LLC
Mailing Address	1041 CR 24UU
FEIN	



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Grantee and Applicant Information	
Grantee's Organization Contact¹	David Brown
Position/Title	Double Heart LLC Manager
Email	rockerb@avatarinv.com
Phone	970-641-0690
Grant Management Contact²	
Position/Title	
Email	
Phone	
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).
Double Heart LLC is a Ranch located in the Tomichi Creek Valley 25 miles east of Gunnison, CO. The Ranch is managed for livestock, hay production, and wildlife conservation. Double Heart is the majority shareholder in Hot Springs Reservoir and will be the point entity for grant contracting.

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
Private Incorporated: mutual ditch companies, homeowners associations, corporations



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

Type of Water Activity (check one)	
<input type="checkbox"/>	Study
<input checked="" type="checkbox"/>	Implementation

Category of Water Activity (check all that apply)		
<input checked="" type="checkbox"/>	Nonconsumptive (Environmental)	
<input type="checkbox"/>	Nonconsumptive (Recreational)	
<input checked="" type="checkbox"/>	Agricultural	
<input type="checkbox"/>	Municipal/Industrial	
<input type="checkbox"/>	Needs Assessment	
<input type="checkbox"/>	Education & Outreach	
<input type="checkbox"/>	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/Countries	Gunnison
Latitude	38.512529°
Longitude	-106.542344°

Water Activity Overview
<p>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.</p> <p>The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, and Schedule.</p>



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Water Activity Overview

Hot Springs Reservoir is a 603-acre foot reservoir located on Hot Springs Creek, Tributary to Tomichi Creek, approximately 20 miles east of Gunnison, CO. Hot Springs Reservoir owners use water released from the reservoir for supplemental irrigation of 600 acres of grass pasture and hay within Hot Springs Creek and Tomichi Creek Valleys.

The reservoir outlet gate is operated by a hydraulic hand pump housed in the control shack at the crest of the dam. Hydraulic lines are buried in the face of the dam and run from the shack to a hydraulic cylinder that operates an 18" outlet gate. The outlet gate frame is mounted to concrete at the base of the dam and guides the gate as it is opened or closed. The guide tabs and the frame are severely corroded and at a risk of failure. The seal on the hydraulic cylinder is compromised allowing the gate to bleed down requiring frequent site visits for adjustments. Task 1 of this project will entail replacing the 18" outlet gate, gate frame, cylinder and hydraulic lines on Hot Springs Reservoir.

Hot Springs Reservoir owners plan to update the reservoir with telemetry equipment allowing remote monitoring and operation of reservoir releases thereby improving operational and water use efficiency. Task 2 of this project will involve installing a solar/battery powered 12volt hydraulic pump to replace the hand pump, updating the inlet and outlet flumes and equipping flumes with water level sensors, and installing network communication equipment in the dam control shack.

Remote monitoring and operation of reservoir releases will improve water use efficiency by reducing labor, improving release accuracy, release scheduling and record keeping. These improvements will also enable reservoir managers to better maintain releases to meet the CWCB ISF water right on Hot Springs Creek downstream of the reservoir when the ISF right is in priority.

Measurable Results

To catalog measurable results achieved with WSRF funds please provide any of the following values.

	New Storage Created (acre-feet)	
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive	
	Existing Storage Preserved or Enhanced (acre-feet)	
	Length of Stream Restored or Protected (linear feet)	
100-acre feet year and \$2000 /year	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
	Area of Restored or Preserved Habitat (acres)	
	Length of Pipe/Canal Built or Improved (linear feet)	
	Other	Explain:

Water Activity Justification

Provide a description of how this water activity supports the goals of [Colorado's Water Plan](#), the most recent



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Water Activity Justification

[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 [2020 WSRF Criteria and Guidelines](#)).

This project will protect agricultural water rights, improve cold water trout habitat, improve water use efficiency and reduce the amount of labor necessary to annually maintain/operate reservoir releases.

This project will help meet the following goals listed in the Gunnison BIP, pp 30-31.

Primary Goal:

1. Protect existing uses: The infrastructure improvements planned will protect and improve agricultural water uses on three properties.

Complementary Goals

6. Maintain or, where necessary, improve water quality throughout the Gunnison Basin: Optimization of reservoir releases will allow water to be held and releases later in the season thereby improving stream flows through Forest Service and BLM downstream of the reservoir prior to the first irrigation diversion. Reservoir releases also support base flows on Hot Springs Creek and Tomichi Creek during critically low flow periods.

On page 1-6 of the Colorado Water plan sites three core water values. The second value is "Efficient and effective water infrastructure promoting smart land use.": This project will maintain and improve water storage infrastructure and demonstrate how optimized management can help support healthy riverine ecosystems and productive agriculture.

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



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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 2020 WSRF Criteria and Guidelines (submitted on the contributing entity's letterhead). Attach additional sheet if necessary.	
Contributing Entity	Amount and Form of Match (note cash or in-kind)
Double Heart LLC	\$7800 cash
Taramarcaz Ranch	\$1850 cash
Kruthaupt Ranch	\$700 cash
Pringles	\$150 cash
Upper Gunnison River Water Conservancy District (Will Request)	\$25,000
Total Match	\$ 35,500
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	

Matching Requirements: Statewide Account Requests	
Statewide Account grant requests require a 50% match as described in the 2020 WSRF Criteria and Guidelines . At least of 10% of the required Statewide Account Grant request match shall be cash from Basin Account funds whether that is from one or multiple basins; and the remaining 40% of the required match may be provided from any source, including other grants, cash from the Basin Account, or any combination of cash, in-kind services, or in-kind materials. And shall be accompanied by a letter of commitment . Attach additional sheet if necessary.	
Contributing Entity	Amount and Form of Match (note cash or in-kind):



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Matching Requirements: Statewide Account Requests	
Total Match	\$ 35,500
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	

Related Studies
Please provide a list of any related studies, including if the water activity is complimentary to or assists in the implementation of other CWCB programs.
Hot Springs Reservoir owners reached out to the Upper Gunnison River Water Conservancy District (UGRWCD) regarding issues with the headgate. The UGRWCD has contracted with Applegate Engineering Group to provide technical assistance for water right owners within the District as part of the Upper Gunnison Watershed Management Planning effort. The Watershed Planning effort is partially funded by the Colorado Water Conservation Board. Craig Ullman with Applegate Group visited the site when the reservoir was drained to inspect the outlet gate and provided recommendations for improvement options.

Previous CWCB Grants
List all previous or current CWCB grants (including WSRF) awarded to both the Applicant and Grantee. Include: 1) Applicant name; 2) Water activity name; 3) Approving RT(s); 4) CWCB board meeting date; 5) Contract number or purchase order
None



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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.

None

Gunnison Basin Roundtable

May 3, 2022

Colorado Water Conservation Board

1313 Sherman Street, Room 718

Denver, Colorado 80203

Re: WSRF Grant Hot Springs Reservoir Outlet Gate Improvement and Automation.

The Gunnison Basin Roundtable at their March 21, 2022, meeting unanimously approved support for the Double Heart project. The project will replace and improve the outlet gate for Hot Springs Reservoir. The project also includes automation of the gate with telemetry to operate the gate remotely.

The Gunnison Basin supports this project for the full amount of \$30,000 in WSRF funds for a project with a total cost of \$65,000.

It should also be noted that the automation will assist the reservoir operators in assuring proper release when the CWCB's ISF on Hot Springs Creek is in priority.

Sincerely,



Steven A. Anderson

Chair