



Last Update: September 18, 2020

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)

WSRF Submittal Checklist (Required)
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 (<i>Word – see Template</i>) YES ☐ NO ☐ Exhibit B: Budget & Schedule² (<i>Excel Spreadsheet – see Template</i>) 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 (<i>Excel Spreadsheet – see Template</i>) YES ☐ NO ☐ Certificate of Insurance⁴ (<i>General, Auto, & Workers' Comp.</i>) YES ☐ NO ☐ Certificate of Good Standing⁽⁴⁾ YES ☐ NO ☐ W-9 Form⁴ YES ☐ NO ☐ Independent Contractor Form⁴ (<i>If applicant is individual, not company/organization</i>) 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	Charles F. Perry	
Name of Water Activity	The Toponas Project: Phase 1 Continued: 2020 HDPE Install	
Approving Roundtable(s)	Basin Account Request(s) ¹	
Colorado River Basin Roundtable	\$25,000	
Basin Account Request Subtotal	\$25,000	
Basin Account Request Subtotal Approved by Roundtable	\$25,000	
Statewide Account Request ⁽¹⁾	\$0	
Total WSRF Funds Requested (Basin & Statewide)	\$25,000	
Total Project Costs	\$50,000	

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

Grantee and Applicant Information	
Name of Grantee(s)	Charles F. Perry
Mailing Address	PO Box 213, Toponas, CO 80479
FEIN	



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Grantee and Applicant Information	
Grantee's Organization Contact¹	Chuck Perry
Position/Title	Owner
Email	cfperryco@gmail.com
Phone	970.638.4581
Grant Management Contact²	Marissa Perry
Position/Title	General Manager
Email	rooperry@gmail.com
Phone	720.810.7352
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).
Perry Ranch is a 5th generation ranch East of Toponas, in a remote area of Northwestern Colorado. We own 2 the Toponas Rock #2 (262af) and the EM Curry Reservoirs (13af). Primary goals: to address 30+ years of deferred maintenance, improve production. Several project phases scheduled the next 2-3 years. <u>Toponas Rock Reservoir</u> is located on the State School Section. Perry's own the majority share 1st fill and all of the 2nd fill - up to 262 af annually. 400+/- acres of hay production include 2 neighboring ranch leasees upon request, along with the ag lease on the state parcel. Perry Ranch water serves the state of Colorado best by reaching full irrigation potential on the land where consumptive needs are met first, nearest the source of the water. 2020 spring runoff caused severe damage to the spillway channel completed Fall, 2019. We received partial funding for our spillway rundown channel & have \$6,400 left. Mandatory repairs scheduled to address spillway channel erosion and safety concerns: total expected to exceed \$40,000. The state engineer is concerned doing nothing will cause future erosion, worsening the headcutting underneath the stilling basin (5 interlocking layers of concrete railroad ties) installed in 2018. Please see our 2020 summary for a complete overview. Link to presentation: https://www.dropbox.com/sh/juoxi2u8njz7eos/AADB4AyXI1rt2XVfsX9L7gb_a?dl=0 Link to pix and videos of the May 2020 runoff: https://www.dropbox.com/sh/kibhqwcwa0delwn/AADAqD52JwdEk2Yql6KK1qCOa?dl=0



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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
	Private Incorporated: mutual ditch companies, homeowners associations, corporations
X	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)	
	Nonconsumptive (Recreational)	
X	Agricultural	
	Municipal/Industrial	
	Needs Assessment	
	Education & Outreach	
X	Other	Explain: Repairs to Spillway work done Fall 2018 & Fall 2019. Greater Community Benefit: Source of water for Routt County Emergency Response and Forest Service for fire suppression. Future Pipeline installation creates a more direct path to the Colorado River and downstream ag lease potential.

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	Routt County
Latitude	Toponas Rock Reservoir No 2: 40° 5'56.74"N Perry Pipeline approx.: 40° 5'14.58"N
Longitude	Toponas Rock Reservoir No 2: 106°45'36.94"W Perry Pipeline approx.: 106°46'41.97"W

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



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Water Activity Overview
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.
Primary goals are to repair & improve our reservoir spillway, improve agricultural production and the surrounding natural environment while putting protections in place for future drought and climate change evolution in the South Routt environment.
Phase I: pipe installation of 100 ft supports > spillway safety > public creek flow improvement of 200ft at headwater > spans several miles downstream > 400+ acres hay fields > 1,000 acres grazing areas > 3-4 residential/rancher taps via irrigation splitter boxes
Funds will be used for addressing 2020 runoff damage, safety & deferred maintenance, installing an 80-100ft pipeline with HDPE 30 in pipe to preserve the 2018-2019 construction of our splash pad
Phase II – Phase IV Overview: Perry Pipeline is a design from NRCS to transport our Toponas Rock water via existing waterways to our meadow and grazing area West of the state school section. We had a hydrologist study completed in 2018 to determine the best pathway with least impact on the land and least amount of transit loss. Additional Exhibits will be submitted with a separate application. We have been working with our hydrologist on this project for a few years. 2019 – NRCS conducted another site visit to finalize and reapprove the 1993 plans. Other work includes updating measuring devices and splitter boxes as well as addressing SEO concerns of the age & delivery rate of the TPR2 outlet pipe. Perry Ranch is seeking bids to contract a scope of the outlet pipe of 203 feet during Phase I for future project & budget planning.

Measurable Results		
To catalog measurable results achieved with WSRF funds please provide any of the following values.		
Limit of transit loss	New Storage Created (acre-feet)	
153 af + 109 af refill = 262 af	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive	
50-75 feet of stream restoration	Existing Storage Preserved or Enhanced (acre-feet)	
At least 40-50 af	Length of Stream Restored or Protected (linear feet)	
900 ft (Install in 2021)	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)	
Safety & Environmental Impact	Other	Explain: Addressing urgent safety concerns & deferred maintenance at the reservoir <u>and</u> installing a pipeline will restore natural areas and allow for increased vegetation growth along the Western border of land surrounding the State School Section.

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



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Water Activity Justification
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 phase of The Toponas Project will mitigate damage from the 2020 runoff. Goal: improve existing water resources and demonstrate to the State of Colorado our aim to preserve and enhance usage to expand agricultural production, grazing capacity with a focus on community and public benefit wherever possible in our remote location. This work will also enhance the existing rural ecosystem for native wildlife. Funding for The Toponas Project will benefit the state of Colorado by improving the structure of the reservoir spillway (also the road base), the safety of the outlet pipe and transfer to measuring box, & the ditch inception point on the state’s school section property. Reseeding the erosion site will protect and restore our approved worksite area use of the state school section. The Toponas Project supports other environmental needs. From a conservation standpoint, enhancing water use nearest the source eliminates evaporation, seepage and transit loss. The final task in Phase I is to restore, protect and direct flow from the headwater area of the West Fork of Toponas Creek into a functional downstream flow. <u>Multi-Purpose Water Resource Work Benefits the Community:</u> Largest reservoir resource development for utilization nearest the source with spillway construction & our future pipeline installation. It is noteworthy to mention Toponas Rock #2 sits on an existing state school section. Water from Toponas Rock enters Toponas Creek which flows into Egeria Creek & Rock Creek - tributaries to the Colorado River. Our water resources are divided between the state land board, and up to 3 ranches currently with lease potential downstream. The National Forest Service and Routt County Fire Control have accepted our offer to dedicate a percentage of our stored water annually for fire suppression use. We will install a dry hydrant at our North meadow fence line upon pipeline completion in 2021. We are in process of developing a partnership for an area of wild land study and sage grouse protection. We have developed a partnership with the CSU engineering departments to offer a field experience to students in 2021-2023. Our contact is Professor Christopher Thornton. We’d like to recognize & thank CJ Mucklow for the CSU introduction to Reagan Watson. The future phases of our project will infuse current meadow and grazing areas with more moisture creating a welcoming ecosystem for fowl and other wildlife that regularly migrate through our land. We have previous letters of support from the community in 2015 & 2019 expressing how the land will become an area of multi-use and public benefit. The National Forest Service and local fire departments have accepted our offer to dedicate a percentage of stored water annually for fire suppression use along with our pledge to install a dry hydrant closer to Hwy 134. See 2019 letters of support from: -CO State Land Board -Div 5 State Engineer’s Office -Routt County Emergency Response -Yampa Forest Service Office -Sage Grouse Working Groups -NRCS Steamboat Office -Ranch Manager/Ranch Real Estate Specialist -Local Ranchers/Lessee Rancher

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)
Chuck Perry	\$10,000
Marissa Perry	\$10,000
Total Match	\$20,000
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):
Total Match	\$
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.



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Related Studies

1. NRCS Survey/Plan ReCertification: The Perry Pipeline Project. 2019 site visits, early 2020 design finalization and review. July, 2020 – funds awarded to Perry Ranch for 2021 construction

2. Hydrology Assessment by Michael Erion with Resource Engineering in 2019 for Perry Ranch on the pipeline project. The improvements to Toponas Rock Reservoir will impact the State School Section by positively addressing 30+ years of safety concerns related to the spillway, road base, outlet pipe and downstream flow into the West Fork of Toponas Creek, a tributary of the Colorado River. Improvements to the Toponas Rock Reservoir impact the state school section, up to 3 ranches currently with potential for more downstream leases, improve the condition of the water storage for cattle & wildlife in the area, the state land board livestock lease, and the state land board recreational lease. The Perry Pipeline will give the surrounding land owners the ability to directly transfer our stored water to our land to the West of the state school section. The efficient transfer of up to 262 acre feet of stored water annually will increase the productivity of the land directly surrounding the state school section that is currently irrigated with a 13 acre foot draw from the EM Curry Reservoir. Having the ability to augment current irrigation practices with a greater source of stored water is imperative during periods of drought & future climate change. We have encroaching weed mitigation work to be done.

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

2019: WSRF Applicant Perry Ranch.

Water Activity Name: The Toponas Project Phase 1

Approving RTs: Colorado River Basin Account / Megan Holcomb

CWCB Board Mtg Date: July 17, 2019.

Contract Number: POGG1,PDAA,202000002269

\$25,490 awarded to Charles Perry for Toponas Rock Reservoir Spillway

Tax Payer Bill of Rights

The Tax Payer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect the applicant.

None.

**Water Supply Reserve Fund
Water Activity Summary Sheet
March 10-11, 2021
Consent Agenda Item 2(c)**

Applicant & Grantee: Charles F. Perry

Water Activity Name: The Toponas Project: Phase 1 Continued: 2020 HDPE Install

Water Activity Purpose: Agricultural - Implementation

County: Routt

Drainage Basin: Colorado River

Water Source: Toponas Creek

Amount Requested: \$25,000 Colorado Basin Account
\$25,000 Total Request

Matching Funds: **Basin Account Match = \$20,000 (cash)**
• 44.4% of Total Project Cost (meets 10% min)

Staff Recommendation:	
Staff recommends approval of up to \$25,000 from the Colorado Basin Account to help fund the project: The Toponas Project: Phase 1 Continued: 2020 HDPE Install	

Water Activity Summary: This proposal is a continuation of a previously supported WSRF grant approved by the CWCB Board in July 2019 to make improvements to Toponas Rock Reservoir in Routt County. Funds have been used for spillway repairs deemed mandatory by Division of Water Resources, Division 5, as a result of Spring 2019 and 2020 runoff damage to address safety concerns and deferred maintenance. The current request will help to fund the installation of a 80-100 foot pipeline with HDPE 30 inch pipe to preserve the 2018-2019 construction of their splash pad.

Toponas Rock Reservoir is a large body of water on the State School Section. The Perry's own the majority share the 1st fill and all of the 2nd fill (up to 262 AF annually). Production includes 400 acres of hay production under irrigation which includes two neighboring ranches (leased), along with grazing areas on one state land board parcel. The State Engineer's Office have instructed Perry Ranch that mandatory repairs exceeding \$40,000 will need to take place to prevent future erosion and worsening the head cutting underneath the stilling basin installed in 2018. These improvements will help support the irrigation of approximately 400 acres of hay fields and support grazing on approximately 1,000 acres of the Perry Ranch.

Discussion: The Toponas Project proposal is consistent with the Colorado Roundtable's Basin Implementation Plan, in particular, its objectives of sustaining agriculture and maintaining existing infrastructure for the maximum utilization of the associated water rights.

Issues/Additional Needs: No issues or additional needs have been identified.

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

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

Funding Sources/Match	Cash	In-Kind	Total	Status
Chuck Perry	\$10,000	\$0	\$10,000	Secured
Marissa Perry	\$10,000	\$0	\$10,000	Secured
Sub-Total Matching Funds	\$20,000	\$0	\$20,000	
WSRF Colorado Basin Account	\$25,000	\$0	\$25,000	Secured
Total Project Costs	\$45,000	\$0	\$45,000	

CWCB Project Manager: Ben Wade

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

November 25, 2020

Ben Wade
Colorado Water Conservation Board
1313 Sherman Street, Room 721
Denver, CO 80203

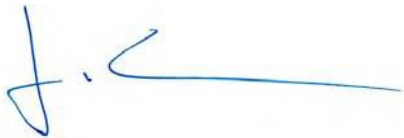
RE: Support Perry Ranch Toponas Project Phase 1

Dear Ben,

The Colorado Basin Roundtable voted unanimously at its November 23rd meeting to grant Charles F. Perry's WSRF Grant Request in the amount of \$18,000.00 for the Toponas Project Phase 1. The first phase of this project will provide for the installation of HDPE pipe to address runoff damage that occurred in 2020 and to support the irrigation of approximately 400 acres of hay fields and support grazing on approximately 1,000 acres of the Perry Ranch.

The Toponas Project is consistent with this Roundtable's Basin Implementation Plan, in particular, its objectives of sustaining agriculture and maintaining existing infrastructure for the maximum utilization of the associated water rights.

Regards,



Jason V. Turner, Chair