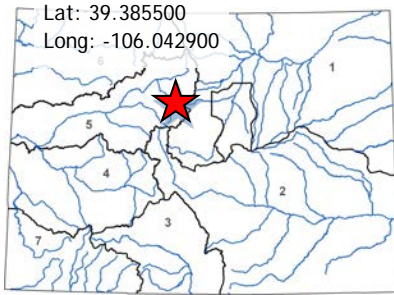


Water Plan Grant Application



L O C A T I O N	
County/Countries:	Summit
Drainage Basin:	Colorado

D E T A I L S	
Total Project Cost:	\$250,000
Water Plan Grant Request:	\$125,000
Recommended Amount:	\$0
Other CWCB Funding:	\$0
Other Funding Amount:	\$0
Applicant Match:	\$125,000
Project Type(s):	Construction
Project Category(Categories):	Storage & Supply
Measurable Result:	40 acre-feet recovered

Blue River Valley Ranch Lakes Association (Association) is a private nonprofit homeowners association established in 1962. The subdivision has a total of 160 acres of land with 46 half-acre private property lots, an 80-acre horse pasture, 3 large ponds, 2 miles of private trails, and wetland and riparian lands adjoining the Blue River in Silverthorne. The Association has irrigation water rights in Bobo ditch which runs through the property.

The proposed project is to dredge the middle pond of Bobo Strait Reservoir to reclaim the decreed water storage capacity and reduce the effect of evaporation and seepage losses. Due to the inflow of sediment over many years, the reservoir has become very shallow, but has not been dredged. By 2018 the surface area had been reduced by approximately two thirds, and the remaining water in the pond was only about 3 feet deep. This has a negative impact on the adjoining wetlands and wildlife habitat. In addition, since the reservoir is very shallow, the water becomes warm and stagnant, which results in algae growth that kills fish and has a negative impact on the recreational value of the reservoir for association members and other surrounding neighbors.

The grant will be used for an engineering assessment, permitting, dredging of the reservoir, and reinforcement of the existing earth dam structure. The association provided a commitment letter to provide cash match.

Funding Recommendation: Staff is not recommending funding for this project. The application did not include the required engineering feasibility analysis, and did not provide a budget for any tasks other than construction. Additionally, in 2012 the District Water Commissioner determined that the Association's water rights did not include storage, and has been working with the Association since. The Commissioner also wants control structures and flow measurement equipment installed, and the pond to be lined to ensure compliance with the Association's water right.



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Colorado Water Conservation Board

Water Plan Grant Application

Instructions

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

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

Water Storage Projects
Conservation, Land Use Planning
Engagement & Innovation Activities
Agricultural Projects
Environmental & Recreation
Projects

Anna.Mauss@state.co.us
Kevin.Reidy@state.co.us
Ben.Wade@state.co.us
Alexander.Funk@state.co.us
Chris.Sturm@state.co.us

FINAL SUBMISSION: Submit all application materials in one email to

waterplan.grants@state.co.us

in the original file formats [Application (word); Statement of Work (word); Budget/Schedule (excel)]. Please do not combine documents. In the subject line, please include the funding category and name of the project.

Water Project Summary

Name of Applicant	Blue River Valley Ranch Lakes Association	
Name of Water Project	Bobo Strait Reservoir Dredging Project	
CWP Grant Request Amount		\$125,000.00
Other Funding Sources _____		\$
Other Funding Sources _____		\$
Other Funding Sources _____		\$
Applicant Funding Contribution		\$125,000.00
Total Project Cost		\$ 250,000.00



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Applicant & Grantee Information	
Name of Grantee(s): Blue River Valley Ranch Lakes Association	
Mailing Address: PO Box 31, Silverthorne, CO 80498	
FEIN 080110963	
Organization Contact: Bruce Chameroy	
Position/Title: President	
Email: bhchameroy@yahoo.com	
Phone: 303-947-6698	
Grant Management Contact: Bruce Chameroy	
Position/Title	
Email	
Phone	
Name of Applicant (if different than grantee)	
Mailing Address	
Position/Title	
Email	
Phone	
Description of Grantee/Applicant	
Provide a brief description of the grantee's organization (100 words or less).	
<p>Blue River Valley Ranch Lakes Association is a private nonprofit homeowners association established in 1962. The subdivision has a total of 160 acres of land with 46 half acre private property lots, which includes an 80-acre horse pasture, 3 large ponds, 2 miles of private trails, extensive wetlands and land encompassing the Blue River. The association owns and operates it's own community potable water system for the 46 homes. The association has irrigation water rights in Bobo ditch which run through the property, and separate water rights to fill the ponds (Bobo Strait Reservoir).</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: Private parties may be eligible for funding.
	Non-governmental organizations (NGO): Organization that is not part of the government and is non-profit in nature.
	Covered Entity: As defined in Section 37-60-126 Colorado Revised Statutes .

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

Category of Water Project (check the primary category that applies and include relevant tasks)		
X	Water Storage - Projects that facilitate the development of additional storage, artificial aquifer recharge, and dredging existing reservoirs to restore the reservoirs' full decreed capacity and Multi-beneficial projects and those projects identified in basin implementation plans to address the water supply and demand gap.. <i>Applicable Exhibit A Task(s):</i>	
	Conservation and Land Use Planning - Activities and projects that implement long-term strategies for conservation, land use, and drought planning. <i>Applicable Exhibit A Task(s):</i>	
	Engagement & Innovation - Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application on the website. <i>Applicable Exhibit A Task(s):</i>	
	Agricultural - Projects that provide technical assistance and improve agricultural efficiency. <i>Applicable Exhibit A Task(s):</i>	
X	Environmental & Recreation - Projects that promote watershed health, environmental health, and recreation. <i>Applicable Exhibit A Task(s):</i>	
	Other	Explain:



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Location of Water Project

Please provide the general county and coordinates of the proposed project below in **decimal degrees**. The Applicant shall also provide, in Exhibit C, a site map if applicable.

County/Countries	Summit
Latitude	39.385500
Longitude	-106.042900

Water Project Overview

Please provide a summary of the proposed water project (200 words or less). Include a description of the project and what the CWP Grant funding will be used for specifically (e.g., studies, permitting process, construction). Provide a description of the water supply source to be utilized or the water body affected by the project, where applicable. Include details such as acres under irrigation, types of crops irrigated, number of residential and commercial taps, length of ditch improvements, length of pipe installed, and area of habitat improvements, where applicable. If this project addresses multiple purposes or spans multiple basins, please explain.

The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, Other Funding Sources/Amounts and Schedule.

The proposed project is to dredge the middle pond of Bobo Strait Reservoir to reclaim part of the decreed water storage capacity and reduce the effect of evaporation and seepage losses. The reservoir has not been dredged out to reclaim the original water storage capacity. Due to the inflow of sand, silt, sediment and dirt over many years the reservoir has become very shallow. Since the reservoir is now quite shallow with a gentle slope around the perimeter, as evaporation and seepage occur and the water level drops, the overall surface area of the reservoir becomes significantly smaller. In 2018 the surface area was reduced by approximately two thirds, and the remaining water in the pond was only about 3 feet deep. A photo is provided with the application. This has a significantly negative impact on the adjoining wetlands and wildlife habitat. The wetlands dry up and the moose, elk, deer, river otters, bald eagles, cranes, osprey and other wildlife leave the area. Since the reservoir becomes very shallow, only a few feet deep, the water in the reservoir becomes warm, stagnant and of poor quality which in turn results in algae growth and ultimately the fish die off. Due to the lack of water and fish in the reservoir, that significantly reduces the food supply for the many wildlife species that rely on the fish for a food source. This also negatively impacts the recreational value of the reservoir for fishing, boating, hiking, wildlife viewing, etc. for the association members and other surrounding neighbors. The area impacted is approximately 10 acres.

The CWP grant funding will be used for an engineering assessment, any permitting needed and dredging of the reservoir and reinforcement of the existing earth dam structure.

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Measurable Results		
To catalog measurable results achieved with the CWP Grant funds, please provide any of the following values as applicable:		
	New Storage Created (acre-feet)	
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive	
40	Existing Storage Preserved or Enhanced (acre-feet)	
	Length of Stream Restored or Protected (linear feet)	
	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
10	Area of Restored or Preserved Habitat (acres)	
	Quantity of Water Shared through Alternative Transfer Mechanisms	
	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning	
1000	Number of Coloradans Impacted by Engagement Activity	
	Other	Explain:

Water Project Justification
<p>Provide a description of how this water project supports the goals of Colorado's Water Plan, the most recent Statewide Water Supply Initiative, and the applicable Roundtable Basin Implementation Plan and Education Action Plan. The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers).</p> <p>The proposed water project shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan Framework for State of Colorado Support for a Water Project (CWP, Section 9.4, pp. 9-43 to 9-44;)</p> <p>Colorado's Water Plan sets a measurable objective of attaining 400,000 acre-feet of water storage in order to manage and share conserved water and the yield of IPPs by 2050. This storage project will increase the capacity of the existing Bobo Strait reservoir back to it's original 1903 decreed storage capacity of 40 acre feet. The Colorado Basin Implementation Plan states that the Colorado River Basin Roundtable "envision[s] a Colorado River basin that is home to thriving communities benefiting from vibrant, healthy rivers and outstanding water quality that provides for all of the Colorado Basin's needs. The Water Quality Control Commission identified a strategic water quality objective to have fully supported classified uses—which may include drinking water, agriculture, recreation, aquatic life, and wetlands—of all of Colorado's waters by 2050. This project will improve the water quality of Bobo Strait Reservoir, protect & restore healthy lakes and riparian areas, promote recreation, improve aquatic life, restore wetlands and encourage conservation.</p>

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Related Studies

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

Previous CWCB Grants, Loans or Other Funding

List all previous or current CWCB grants (including WSRF) awarded to both the Applicant and Grantee. Include: 1) Applicant name; 2) Water activity name; 3) Approving RT(s); 4) CWCB board meeting date; 5) Contract number or purchase order; 6) Percentage of other CWCB funding for your overall project.

None

Taxpayer Bill of Rights

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

None

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Submittal Checklist	
X	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract .
Exhibit A	
X	Statement of Work ⁽¹⁾
X	Budget & Schedule ⁽¹⁾
X	Engineer's statement of probable cost (projects over \$100,000)
X	Letters of Matching and/or Pending 3 rd Party Commitments ⁽¹⁾
Exhibit C	
X	Map (if applicable) ⁽¹⁾
X	Photos/Drawings/Reports
	Letters of Support (Optional)
	Certificate of Insurance (General, Auto, & Workers' Comp.) ⁽²⁾
	Certificate of Good Standing with Colorado Secretary of State ⁽²⁾
	W-9 ⁽²⁾
	Independent Contractor Form ⁽²⁾ (If applicant is individual, not company/organization)
Engagement & Innovation Grant Applicants ONLY	
	Engagement & Innovation Supplemental Application ⁽¹⁾

(1) Required with application.

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

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ENGAGEMENT & INNOVATION GRANT FUND SUPPLEMENTAL APPLICATION

Introduction & Purpose

Colorado's Water Plan calls for an outreach, education, public engagement, and innovation grant fund in Chapter 9.5.

The overall goal of the Engagement & Innovation Grant Fund is to enhance Colorado's water communication, outreach, education, and public engagement efforts; advance Colorado's water supply planning process; and support a statewide water innovation ecosystem.

The grant fund aims to engage the public to promote well-informed community discourse regarding balanced water solutions statewide. The grant fund aims to support water innovation in Colorado. The grant fund prioritizes measuring and evaluating the success of programs, projects, and initiatives. The grant fund prioritizes efforts designed using research, data, and best practices. The grant fund prioritizes a commitment to collaboration and community engagement. The grant fund will support local and statewide efforts.

The grant fund is divided into two tracks: engagement and innovation. The Engagement Track supports education, outreach, communication, and public participation efforts related to water. The Innovation Track supports efforts that advance the water innovation ecosystem in Colorado.

Application Questions

*The grant fund request is referred to as "project" in this application.

Overview (answer for both tracks)
In a few sentences, what is the overall goal of this project? How does it achieve the stated purpose of this grant fund (above)?
Who is/are the target audience(s)? How will you reach them? How will you involve the community?
Describe how the project is collaborative or engages a diverse group of stakeholders. Who are the partners in the project? Do you have other funding partners or sources?



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Overview (answer for both tracks)
Describe how you plan to measure and evaluate the success and impact of the project?
What research, evidence, and data support your project?
Describe potential short- and long-term challenges with this project.

Please fill out the applicable questions for either the Engagement Track or Innovation Track, unless your project contains elements in both tracks. If a question does not relate to your project, just leave it blank. Please answer each question that relates to your project. Please reference the relevant documents and use chapters and page numbers (Colorado's Water Plan, Basin Implementation Plan, PEPO Education Action Plan, etc.).

Engagement Track
Describe how the project achieves the education, outreach, and public engagement measurable objective set forth in Colorado's Water Plan to "significantly improve the level of public awareness and engagement regarding water issues statewide by 2020, as determined by water awareness surveys."
Describe how the project achieves the other measurable objectives and critical goals and actions laid out in Colorado's Water Plan around the supply and demand gap; conservation; land use; agriculture; storage; watershed health, environment, and recreation; funding; and additional.
Describe how the project achieves the education, outreach, and public engagement goals set forth in the applicable Basin Implementation Plan(s).



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Describe how the project achieves the basin roundtable's PEPO Education Action Plans.

Innovation Track
Describe how the project enhances water innovation efforts and supports a water innovation ecosystem in Colorado.
Describe how the project engages/leverages Colorado's innovation community to help solve our state's water challenges.
Describe how the project helps advance or develop a solution to a water need identified through TAP-IN and other water innovation challenges. What is the problem/need/challenge?
Describe how this project impacts current or emerging trends; technologies; clusters, sectors, or groups in water innovation.



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Colorado Water Conservation Board	
Water Plan Grant - Exhibit A	

Statement Of Work	
Date:	1/20/22020
Name of Grantee:	Blue River Valley Ranch Lakes Association
Name of Water Project:	Bobo Strait Reservoir Dredging Project
Funding Source:	CWCB Grant and Matching funds
Water Project Overview:	
The project is to dredge out the sand, silt and dirt material from sections of the middle pond of Bobo Strait Reservoir and reinforce the existing dam structure.	
Project Objectives:	
Restore reservoir to the original decreed storage capacity and reinforce the existing dam structure.	



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Tasks
Task 1 - [Dredging]
Description of Task: Dredge out three to four feet of material from the middle pond and reinforce the existing earth dam structure with the removed material.
Method/Procedure: Use long reach track hoe to remove material from the reservoir perimeter, reshape slope of perimeter. Use removed material to reinforce and widen the existing dam.
Deliverable: Reclaimed water storage capacity, enhanced wildlife habitat, wetland conservation and recreational enhancements.



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Tasks
Task 2 - []
Description of Task:
Method/Procedure:
Deliverable:

Repeat for Task 3, Task 4, Task 5, etc.

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Budget and Schedule

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

Reporting Requirements

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

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

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

The CWCB will pay out the last 10% of the 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 purchase order or grant will be closed without any further payment.

Payment

Payment will be made based on actual expenditures and must include invoices for all work completed. 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.

Costs incurred prior to the effective date of this contract are not reimbursable. The last 10% of the entire grant will be paid out when the final deliverable has been received. All products, data and information developed as a result of this contract must be provided to CWCB in hard copy and electronic format as part of the project documentation.

Performance Measures

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 Water Plan Grant Guidelines, the CWCB will pay out the last 10% of the 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 purchase order or grant will be closed without any further payment.

(b) Accountability: Per Water Plan 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 Water Plan Grant Guidelines, Progress Reports must be

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Performance Measures

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.

Colorado Water Conservation Board

Water Plan Grant - Exhibit B

Budget and Schedule

Prepared Date: 1/20/2020

Name of Applicant: Blue River Valley Ranch lakes Association

Name of Water Project: Bobo Strait Reservoir Dredging Project

Project Start Date: 11/1/2020**Project End Date: 12/31/2020**

Task No.	Task Description	Task Start Date	Task End Date	Grant Funding Request	Match Funding	Total
1	Dredge Middle Pond	11/1/2020	12/31/2020	\$125,000.00	125,000.00	\$250,000
2						\$0
3						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
Total				\$125,000	\$125,000	\$250,000

Blue River Valley Ranch Lakes Association

P.O. Box 31, Silverthorne, CO 80498

1/20/2020

Colorado Conservation Board

Water Plan Grant Application

Dear **Colorado Water Conservation Board**:

This letter is to confirm the availability of matching funds and the intent to allocate HOA funds for the Bobo Strait Reservoir Dredging Project pending approval of grant funding.

Sincerely,

Bruce Chameroy

HOA President

(303) 947-6698







BRVRLA

Write a description for your map.

Legend

-  Bobo Strait Reservoir Middle Pond
-  BRVRLA Property

