



Last Updated: July 2017

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:

Supply and Demand Gap Projects: Gregory.Johnson@state.co.us

Water Storage Projects: Anna.Mauss@state.co.us

Conservation, Land Use Planning: Kevin.Reidy@state.co.us

Engagement & Innovation Activities: Mara.MacKillop@state.co.us

Agricultural Projects: Brent.Newman@state.co.us

Environmental & Recreation Projects: Linda.Bassi@state.co.us

Applicants interested in submitting an ‘Intent to Apply’ in the future are encouraged to check here ☐ and fill in all sections with the best information available at the time. Exhibits excluded.

This “Intent to Apply” will help CWCB prioritize Projects that are not ready for fully completed Water Plan Grant Application due to the initial timeframe and deadlines required.

Water Project Summary

Name of Applicant	DENVER BOTANIC GARDENS	
Name of Water Project	Water in the West: Exhibition & Outreach through the Gardens	
CWP Grant Request Amount		\$ 44,750
Other Funding Sources _____		\$
Other Funding Sources _____		\$
Applicant Funding Contribution		\$ 50,000
Total Project Cost		\$ 94,750



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Applicant & Grantee Information	
Name of Grantee(s)	Denver Botanic Gardens
Mailing Address	909 York Street, Denver, CO 80206
FEIN	84-0440-359
Organization Contact	Jennifer Riley-Chetwynd
Position/Title	Director of Marketing & Social Responsibility
Email	jennifer.riley-chetwynd@botanicgardens.org
Phone	720-865-3581
Grant Management Contact	Lisa M.W. Eldred
Position/Title	Director of Exhibitions, Art & Interpretation
Email	lisa.eldred@botanicgardens.org
Phone	720-865-3518
Name of Applicant (if different than grantee)	same
Mailing Address	
Position/Title	
Email	
Phone	



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Description of Grantee/Applicant

Provide a brief description of the grantee's organization (100 words or less).

Denver Botanic Gardens, one of the most visited gardens in North America, welcomed more than 1.2 million people in 2016 (York Street, Chatfield Farms, Mount Goliath locations). This included 34,000 school children, 6,000 from low-income schools benefiting from access funding. The Gardens showcase water-efficient horticultural and agricultural practices. Together with Colorado State University, the Gardens created Plant Select 25® years ago to bring to market plants that thrive in a semi-arid climate. A recent collaboration with Metropolitan State University of Denver to jointly manage its One World One Water Center creates a platform to educate an even broader audience.



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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.
	Private Individuals, Partnerships, and Sole Proprietors: Private parties may be eligible for funding.
X	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
	Construction
	Identified Projects and Processes (IPP)
X	Other

Category of Water Project (check all that apply and include relevant tasks)	
	Supply and Demand Gap Projects - 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>
	Water Storage Projects - Projects that facilitate the development of additional storage, artificial recharge into aquifers, and dredging existing reservoirs to restore the reservoirs' full decreed storage capacity. <i>Applicable Exhibit A Task(s):</i>
	Conservation and Land Use Planning Projects - Activities and projects that implement long-term strategies for conservation, land use, and drought planning. <i>Applicable Exhibit A Task(s):</i>
X	Engagement & Innovation Projects - Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application available on the website. <i>Applicable Exhibit A Task(s): Focus groups; exhibition development & implementation; K-12 curriculum & Science Chat program materials.</i>
	Agricultural Projects - Projects that provide technical assistance and improve agricultural efficiency. <i>Applicable Exhibit A Task(s):</i>



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	Environmental & Recreation Projects – Projects that promote watershed health, environmental health, and recreation. <i>Applicable Exhibit A Task(s):</i>	
	Other	Explain:

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	Denver and beyond
Latitude	
Longitude	

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.

Denver Botanic Gardens requests funds to support development and implementation of a new, comprehensive exhibition within its Science Pyramid venue to educate Coloradans and visitors to the state about water in the West, highlighting Colorado's water issues and needs for conservation, reuse, and preservation/enhancement of natural environments. The exhibition visitor engagement opportunities will reinforce the many ways in which people, land, and the broader natural environment are connected. The digital learning space offers an ideal forum for discovery and presents multiple ways for participants to understand how water, through its presence or absence, affects people, plants, and animals in all of Colorado's life zones, from steppe to alpine. The Gardens will include new methods for data visualization to illustrate impacts of water scarcity and educate about best practices for stewardship. Elements within the new exhibition will include:

- large-scale environmental graphics
- sound
- a projection program on a globe display demonstrating variability in precipitation in geographic regions, as well as waterway connections and drought
- video/animation
- interactives with messages centered on soil, water, plants, animals
- data visualization of user-generated content gathered both on- and off-site to create a platform for citizen science, whether through precipitation monitoring or the sharing of water usage data



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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	
	Existing Storage Preserved or Enhanced (acre-feet)	
	Length of Stream Restored or Protected (linear feet)	
	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
	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	
	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>This project supports the multi-layered goals of the CWP especially in the areas of Education and Outreach as noted below:</p> <p>CWP, Section 9.5 (pg. 9-59) Topics including: 1) Colorado's water challenges, solutions, and the need to be adaptable to changing conditions, 2) Connection between climate change and water, 3) Water conservation and reuse, 4) Integration of land use and water supply, 5) Education and outreach to support environmental and watershed strategies, such as those designed to protect imperiled warm-water fish species and forest health.</p> <p>CWP, Section 10.2 (pg. 10-7) – Education, Outreach, and Innovation: Colorado's Water Plan sets a measurable objective to significantly improve the level of public awareness and engagement regarding water issues statewide by 2020, as determined by water awareness surveys. Colorado's Water Plan also sets a measurable objective to engage Coloradans statewide on at least five key water challenges (identified by CWCB) that should be addressed by 2030.</p> <p>This projects supports the South Platte Basin Implementation Plan (Metro and South Platte Basin Roundtables), as noted specifically here:</p> <p>S.5.2 (pg. S-12) – Maintain leadership in conservation and reuse and implement additional measures to reduce water consumption rates.</p>



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Water Project Justification

-continued-

S.5.9 (pg. S-15) – Facilitate effective South Platte communications and outreach programs that complement the state's overall program, including “a strategic focus on communication and education with stakeholders, include water users” and more.

In addition, this project addresses the South Platte Basin Roundtable and Metro Roundtable Education Action Plan 2016-2018 as noted in Educational Priorities & Implementation: Overall goals of the Education and Outreach Committee of the South Platte Basin Roundtable include a focus on educating and engaging the public, decision-makers and elected officials on the scope and purpose of the BIP and the State Water Plan, with an overarching theme of focusing on solutions-oriented water supply planning. (pg. 3 of 9).

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.

This project supports and offers context to the CWCB-funded Watershed Summit and leverages information gathered and distributed by CWCB. In addition, the repository of information put together by the Colorado Foundation for Water Education and its Water Education Network offers key resources for consideration.

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.

Denver Botanic Gardens has not received CWCB grant funds previously. The Gardens joined CWCB on the planning committee and was the host venue for both the 2016 and 2017 Watershed Summits. The Gardens was not a direct recipient of CWCB grant funding for this event.



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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.	
N/A	

Submittal Checklist	
✓	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract .
Exhibit A	
✓	Statement of Work ⁽¹⁾
✓	Budget & Schedule ⁽¹⁾ (<i>Spreadsheet</i>)
n/a	Letters of Matching and/or Pending 3 rd Party Commitments ⁽¹⁾
Exhibit C	
n/a	Map (if applicable) ⁽¹⁾
✓	Photos/Drawings/Reports
✓	Letters of Support (Support letter from Basin Roundtable encouraged)
✓	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.