



COLORADO

Colorado Water Conservation Board

Department of Natural Resources

Colorado Water Conservation Board

Water Plan

Water Project Summary

Name of Applicant	Groundwork Denver	
Name of Water Project	Advancing Public Awareness, Engagement, and Knowledge Via Community Rain Barrel Distribution	
Grant Request Amount		\$116,087.00
Primary Category		\$116,087.00
	<i>Engagement & Innovation Activities</i>	
Total Applicant Match		\$0.00
	<i>Applicant Cash Match</i>	
		\$0.00
	<i>Applicant In-Kind Match</i>	
		\$0.00
Total Other Sources of Funding		\$82,428.00
	<i>National Fish and Wildlife Foundation</i>	
		\$50,000.00
	<i>Great Outdoors Colorado (GOCO)</i>	
		\$32,428.00
Total Project Cost		\$198,515.00

Applicant & Grantee Information

Name of Grantee: Groundwork Denver
Mailing Address: 3280 N. Downing Street, Unit E Denver CO 80205
FEIN: 710,909,556

Organization Contact: Cindy Chang
Position/Title: Executive Director Email: grants@groundworkcolorado.org
Phone: 303-455-5600

Organization Contact - Alternate: Jessica Swindon
Position/Title: Director of Water Program Email: jessica@groundworkcolorado.org
Phone: 3034555600

Grant Management Contact: Cindy Chang
Position/Title: Executive Director Email: grants@groundworkcolorado.org
Phone: 303-455-5600

Description of Grantee/Applicant

Nonprofit Organization

Type of Eligible Entity

- Public (Government)
- Public (District)
- Public (Municipality)
- Ditch Company
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- Private Incorporated
- Private Individual, Partnership, or Sole Proprietor
- Non-governmental Organization
- Covered Entity
- Other

Category of Water Project

- Agricultural Projects
Developing communications materials that specifically work with and educate the agricultural community on headwater restoration, identifying the state of the science of this type of work to assist agricultural users among others.
- Conservation & Land Use Planning
Activities and projects that implement long-term strategies for conservation, land use, and drought planning.
- Engagement & Innovation Activities
Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application on the website.
- Watershed Restoration & Recreation
Projects that promote watershed health, environmental health, and recreation.
- Water Storage & Supply
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.

Location of Water Project

Latitude	39.000000
Longitude	105.000000
Lat Long Flag	Other: Coordinates based on other boundaries or locations
Water Source	Lower Bear Creek
Basins	South Platte
Counties	Denver
Districts	9-Bear Creek

Water Project Overview

Major Water Use Type	Education
Type of Water Project	Education
Scheduled Start Date - Design	5/1/2024
Scheduled Start Date - Construction	

Description

Groundwork Denver (GWD) requests funding to advance community awareness, knowledge, and engagement surrounding challenges and solutions to water re-use and conservation by coupling outreaching to and educating least 1,920 residents with the distribution of 200 no-cost rain barrels and 6 rain gardens (both programs are supported by matching funds) to residents in areas surrounding Lower Bear Creek (LBC), particularly in the City of Sheridan and Denver's Harvey Park South neighborhood, and hosting rain barrel and rain garden/xeriscape workshops. GWD will also conduct Conservation Knowledge Surveys with workshop attendees. Educational components will focus on strategies to reduce tap water use for outdoor irrigation, increase residential water use efficiency, and protect waterways by taking actions on land that reduce non-point source pollution.

GWD has been working to protect LBC since 2013, and over the past three years, outreached to thousands of Sheridan and Harvey Park South residents. Funding will allow for deeper engagement with disproportionately impacted residents within the prioritized geographic area while supporting GWD in leveraging this unique approach, its collaborations, and the trust it has built within the community to further the shared goals the Colorado Water Plan, The South Platte Roundtable Basin, and all relevant stakeholders.

Measurable Results

	New Storage Created (acre-feet)
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
	Existing Storage Preserved or Enhanced (acre-feet)
	New Storage Created (acre-feet)
	Length of Stream Restored or Protected (linear feet)
	Length of Pipe, Canal Built or Improved (linear feet)
	Efficiency Savings (dollars/year)
	Efficiency Savings (acre-feet/year)
42,240	Area of Restored or Preserved Habitat (acres)
	Quantity of Water Shared through Alternative Transfer Mechanisms or water sharing agreement (acre-feet)
206	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning
15,100	Number of Coloradans Impacted by Engagement Activity
Other	
	No additional measurable results provided

Water Project Justification

The proposed project aligns with the Colorado Water Plan in numerous ways. First, aligned with the Water Plan’s vision for Vibrant Communities (page 179-181), the project supports strategic investments in a One Water Ethic and green infrastructure by increasing community knowledge and awareness surrounding these topics. Specifically, the project supports “recycling water via potable, non-potable, and graywater reuse [to] help ensure water is used fully,” deeply considering equity issues and diverse inclusion. Further, it supports the engagement of residents and diverse partners in efforts to advance research on water issues, with a focus on joint efforts including public-private partnerships. Second, the project supports “innovative surface and groundwater storage” by using approaches that store water with less environmental impact and evaporative losses than a new reservoir would. Third, the project “optimizes investments in infrastructure and increases efficiency and conservation” by providing residents with knowledge and tools to preserve rainwater, accounting for future uncertainty surrounding water supply. Fourth, the project aligns with the South Platte chapter within the Colorado Water Plan (page 122), specifically goals and future strategies to “broaden South Platte communications, outreach, education programs; maintain and promote reuse; protect and enhance environmental attributes; and protect and enhance recreational attributes.” Finally, in response to demand being the largest concern for the South Platte, the project educates community members about multiple alternatives to tap water irrigation, which accounts for 40% of Colorado water use.

The project also aligns with the goals and vision of the South Platte Basin Implementation Plan. Aligned with Goal 11 (Volume 2 page 92), the project seeks to “broaden South Platte communications, outreach, and education programs” by “expanding on existing communications and outreach programs to improve knowledge and understanding of water challenges and needs for all citizens of the South Platte Basin.” Further, as the project prioritizes the inclusion of diverse, historically excluded community members, with a specific focus on the 15,100 residents of Sheridan and Harvey Park South, the project aligns with the Implementation Plan’s goal to foster inclusive participation in roundtable activities that align with recommendations for equity and inclusion.

Related Studies

Related studies include:

1. Green Infrastructure Feasibility Study:

<https://storymaps.arcgis.com/stories/8fd6fac5a7b74d8bbf1fc21e2fbc2e4a>

2. Pure Potential: The Case for Stormwater Capture and Reuse:

<https://www.epa.gov/system/files/documents/2022-03/wrap-pure-potential-report.pdf>

3. Using Graywater and Stormwater to Enhance Local Water Supplies:

<https://nap.nationalacademies.org/read/21866>

Taxpayer Bill of Rights

N/A