



Turf Replacement Program

Application TRA-000072

Colorado Eligible Entity

Which of the following Colorado eligible entities are you submitting an application on behalf of?

Local Government

Verification of Matching Funds & Funding Use

Do you have matching funds described in the Turf Replacement Grant Program Guidelines relevant to your organization's program or project type? Yes

Can your organization commit to tracking funds, invoicing, and providing reports for work completed (including any estimates of water savings, before and after pictures, and projected and/or actual water savings)? Yes

Can you ensure requested funds will not be spent to replace turf with artificial turf, impermeable concrete, water features, invasive species, or high-water-use turf varieties? Yes

Can your organization commit to incorporating any necessary irrigation adjustments or updates to ensure installed vegetation is efficiently irrigated? Yes

Applicant Information

Organization Name	City of Boulder
Organization Mailing Address	1777 Broadway, Boulder CO 80302
Title	Water Resources Senior Engineer
Full Name	Krystle Morey
Email Address	moreyk@bouldercolorado.gov
Phone	7202965046
Please specify the total dollar (\$) amount your organization is requesting for the current funding cycle?	\$52250.0
Are you a water provider who bills customers for treated water or a water district who supplies raw water?	Yes

Water Provider Details

Are you the water provider that directly bills ratepayers in your community? Yes

Please list the name of the Water District that supplies your water (or say "self supplied" if you do not get water from another entity)

Self Supplied and Northern Colorado Conservancy District

Do you deliver 2,000 acre feet or more of treated water per year?

Yes

1051 Reporting

Has your organization consistently reported annual water use and water conservation information to CWCB as required by House Bill 10-1051?

Yes

Proposed Focus & Applicant Characteristics

Have you conducted any analysis to know where turf replacement may be most effective?

No

Which sector do you intend to focus your funding on?

Single Family Residential; Multifamily and HOA's

Which of the following best describes the goal of your proposed turf replacement funding?

Expands on an existing turf replacement program within my jurisdiction (primary provider)

Existing Turf Replacement Program

How will these new funds expand your existing efforts?

Increases amount of turf removed for my existing program; Pays for work/physical removal of turf (if not included in the cost of turf removal)

Other expand effort

Does this funding expand your program or would it be used to replace existing funding?

This will be used to expand my program efforts

Other funding use

What is your estimated total water savings associated with this project? Please explain your method for estimating savings

111,250 gallons. 1. Lawn Replacement Program: Based on Resource Central's 2022 numbers, the average savings is around 7000 gallons per every 560 sqft of turf removed (12.5 gallons per sqft) for 8,000 sqft = 100,000 gallons of water saved 2. Tantra Nature Garden: The anticipated savings from bluegrass to native landscape is 9 gallons per square foot (gpsf). This savings applied across a 1,250 sq-ft area would be around 11,250 gallons.

Do you have a plan for addressing underlying irrigation (e.g. switching to drip irrigation) as a part of this project?

Yes

Water Conservation Efforts

Do you already have a water conservation rebate program or mechanism for funding rebates or otherwise incentivizing water conservation efforts?	Yes
Do you already have a water conservation/efficiency plan and/or a drought management plan?	I have both

Information on Plans, Rates, Codes & Partnerships

Do you have a tiered rate structure that incentivizes water conservation?	Yes
Do you have landscape codes, ordinances or rules that prevent any turf replaced through your program from being reverted back to turf by the current or future property owner?	No
Do you currently work with your municipalities transportation department?	Yes
Do you have the ability to ensure (through inspection or other means) that turf removal was done and eligible materials were put in its place?	Yes
Do you have the capability to separately track outdoor water used for irrigation (i.e., sub-metering or separate metering)?	No

Additional Information for Existing Programs

Do you plan to continue this program in the future?	Yes
Does your turf replacement program consider addressing any of the following encouraged planning considerations?	Protecting Tree Health;Reducing Heat Island
Is your funding match made-up of cash, in-kind or both?	Cash
Other Funding Match Made-Up of	
Can you ensure funds will start being spent within 12 months of the contract if funds are awarded?	Yes
Please describe any elements of your program that address equity, diversity, and inclusivity issues	The Tantra Nature Garden is a partner project with Foundation for Leaders Organizing for Water and Sustainability (FLOWS) and Boulder Housing Partners (BHP) that will engage community members in permaculture design, water harvesting, Indigenous edible forest garden practices, native plants, native foods and native plant usage. FLOWS mission statement: FLOWS works towards social and environmental justice by reclaiming ecological wisdom, celebrating cultural wealth and leadership, and creating economic opportunities towards a Just Transition. We build

community capacity, beautify environments, and transform systems for justice and resilience led by and for People of Color, Immigrants, affordable housing residents, LBGTQAI+ and Frontline communities. BHP mission: To provide quality, affordable homes and foster thriving Boulder communities.

Equity Considerations

How is equity included into and/or supported outside of your turf replacement program when it comes to your communities water conservation efforts?

The City of Boulder Water Conservation Program efforts are guided by the 2023 Water Efficiency Plan which incorporated community feedback and use of a racial equity instrument. Additionally, the City of Boulder operates under a Sustainability, Equity, and Resilience framework.

Program Info

Please briefly describe the program you envision. What work will be completed, who/what would be the target of the work (e.g., residential, commercial, community spaces), are there any partnerships you have developed, and what value are you adding beyond administering funding? Please note that the provided program description does not suffice as an official Scope of Work required for contracting.

The Resource Central Lawn Replacement Program targets turf conversion for residential spaces. The City of Boulder supports this program through marketing of program offerings and general education within the community about the value of water conservation, including an educational partnership with Eco-Cycle. The Tantra Nature Garden is a partnership project located in community space within a multi-family property in which the City of Boulder will contribute funding, administration, offering technical assistance in the realm of landscaping, irrigation, water savings, education, and outreach. The project will also benefit considerably from the expertise available through FLOWS and BHP.