

***Project Name**

Residential Outdoor Water Conservation Program

***Grant Recipient**

City of Lakewood, Colorado

***Primary Contact**

Jeff Wong

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***MRT WSRF Grant Type**

Conservation and Reuse

Eligible Water Activities (Check All That Apply)

Education & Outreach

Other

If other, please explain.

Studies or analysis of consumptive water projects; design of structural projects (waterwise landscaping)

Total Project Cost

\$ 140,000.00

***MRT WSRF Grant Amount Request**

\$ 30,000.00

Colorado Water Plan Grant Amount Request (if any)

(No response)

Other Basin Roundtable WSRF Funding Being Requested (if any)

\$ 70,000.00

If Other Roundtable Requests, which roundtable(s)

State

***Project Description**

Residential water use for outdoor irrigation accounts for approximately 25% of potable water use in Lakewood. There are 21 different water districts (mainly master meter distributors for Denver Water) that serve Lakewood, which leads to decentralized water conservation efforts. The complex structure of the distribution network means residents don't receive consistent communication about water conservation strategies. This project will address this by establishing a residential outdoor water conservation program that provides community-wide education and best practices to reduce outdoor water use, and a suite of incentives that encourage waterwise landscaping regardless of the water district serving residents. Funds awarded for this project would be used for the following work items: 1) A holistic residential waterwise landscaping incentive program (which does not overlap with Denver Water rebate opportunities) with an estimated annual water savings of 2.5 million gallons, and which includes: • discounts on Colorado-grown xeriscape plants and planting/maintenance guides, with additional incentives for income-qualified households • no-cost irrigation sprinkler assessments providing information on recommended watering schedules, potential cost and water savings, and an option to add on smart controller or rain sensor technology • discounted turf removal service, which included customized landscaping plans, removal of traditional lawn grass, and replacement with waterwise garden planting kits 2) Data analysis and reporting of annual water savings associated with incentive program measures 3) Creation of city-branded

waterwise landscaping educational material for single family households and HOAs 4) Community outreach about incentive programs and distribution of educational materials, including targeted outreach to low-income households

***Which MRT priorities does the project address? How?**

This project is a Conservation and Reuse project designed to reduce water consumption rates. Data from this project will be used to refine water savings associated with various technologies and measures and help determine how future strategies should be implemented when addressing residential water use in both Lakewood and other communities within the South Platte Basin.

***Project Timeline and Tasks**

This is a 12-18 month project anticipated to start in April 2023. Tasks will include program development, program implementation, and educational outreach.

Attach Budget (not required)

(No response)

Attach a map, graphic, etc. (not required)

(No response)

Attach a File (not required)

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