



## COLORADO

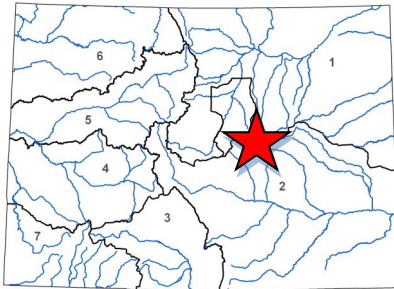
Colorado Water  
Conservation Board

Department of Natural Resources

# Resource Central Landscape Change Program Impact Analysis

September 2022 Board Meeting

## Water Plan Grant Application



L O C A T I O N	
<b>County/Countries:</b> Adams; Arapahoe; Boulder; Broomfield; Pueblo; Jefferson; Larimer; Weld; El Paso Counties	
<b>Drainage Basin:</b> South Platte, Arkansas, Metro Basins	

D E T A I L S	
<b>Total Project Cost:</b>	\$146,770
<b>Water Plan Grant Request:</b>	\$110,070
<b>Recommended Amount:</b>	\$110,070
<b>Other CWCB Funding:</b>	\$0
<b>Other Funding Amount:</b>	\$
<b>Applicant Match:</b>	\$36,700
<b>Project Type(s):</b> Other	
<b>Project Category(Categories):</b> Conservation and Land Use Planning	
<b>Measurable Result:</b> 5,000- Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning 50,000 -Number of Coloradans Impacted by Engagement Activity	

Resource Central is seeking funding resources to study the water use impacts of both our long-standing Garden In A Box program, which has reached over 20,000 residents over the last 15 years, as well as our newer turf removal initiatives which have helped almost 1,000 people remove a portion of their lawn and replace it with low-water landscapes. The goal of this project would be to evaluate the water savings and community benefits of these programs to understand the cumulative impacts.

The results will inform our over 40 water provider partners, and allow us to continue to innovate and refine our programs to maximize the benefits. Throughout this project, we will bring together experts across research fields to build on established best practices to ensure our analysis is rigorous and comprehensive. Resource Central has a goal of making Waterwise landscapes the new norm in Colorado, quantifying our impact is an important step in achieving our mission.

The result of this study will help Resource Central better understand the long-term qualitative and quantitative impacts of our programs and continue to refine our offerings to amplify positive outcomes. Additionally, as Turf Removal efforts in Colorado expand, our findings will help decision-makers across the field to evaluate and assess the benefits of engaging in various types of landscape change initiatives. Interest in landscape change programs from residents and water providers in Colorado has never been higher and the field is set for tremendous growth over the coming years. By quantifying what has already been done, this future growth will be more thoughtful, thorough, and will lead to a greater quantifiable water-saving impact.

**COLORADO**Colorado Water  
Conservation Board

Department of Natural Resources

## Colorado Water Conservation Board

## Water Plan

### Water Project Summary

Name of Applicant	Resource Central
Name of Water Project	Resource Central Landscape Change Program Impact Analysis
Grant Request Amount	<b>\$110,070.00</b>
Primary Category	\$110,070.00
<i>Conservation &amp; Land Use Planning</i>	
Total Applicant Match	<b>\$36,700.00</b>
<i>Applicant Cash Match</i>	\$36,700.00
<i>Applicant In-Kind Match</i>	
Total Other Sources of Funding	<b>\$36,700.00</b>
<i>Resource Central</i>	\$36,700.00
Total Project Cost	<b>\$183,470.00</b>

### Applicant & Grantee Information

Name of Grantee: Resource Central  
Mailing Address: 6400 Arapahoe Ave. Suite B Boulder CO 80303  
FEIN: 840,808,982

Organization Contact: Kate Larson

Position/Title:

Email: [klarson@resourcecentral.org](mailto:klarson@resourcecentral.org)

Phone: 303-999-3820 ext 214

### Description of Grantee/Applicant

Resource Central is a non-profit organization focused on helping communities reduce their dependence on nonrenewable resources. Our focus areas are water and energy conservation and building material diversion and reuse. In our water programs, we partner with over 40 Colorado utilities to bring innovative programs to residents, helping them to understand their water use and take practical steps to use less.

### Type of Eligible Entity

- ☐ Public (Government)
- ☐ Public (District)
- ☐ Public (Municipality)
- ☐ Ditch Company
- ☐ 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 40.000000  
 Longitude -105.000000  
 Lat Long Flag Default/Proponent headquarters: If the location cannot be defined with flags above, use location of project proponent headquarters  
 Water Source South Platte Basin  
 Basins South Platte; Arkansas; Metro  
 Counties Adams; Arapahoe; Boulder; Broomfield; Pueblo; Jefferson; Larimer; Weld; El Paso; Denver  
 Districts 2-South Platte: Denver Gage to Greeley; 3-Cache La Poudre River; 4-Big Thompson River; 6-Boulder Creek; 1-South Platte: Greeley to Balzac

### Water Project Overview

Major Water Use Type Municipal  
 Type of Water Project Planning (e.g. watershed)  
 Scheduled Start Date - Design 1/1/2023  
 Scheduled Start Date - Construction  
 Description  
 Resource Central is seeking funding resources to study the water use impacts of both our long-standing Garden In A Box program, which has reached over 20,000 residents over the last 15 years, as well as our newer turf removal initiatives which have helped almost 1,000 people remove a portion of their lawn and replace it with low-water landscapes. The goal of this project would be to evaluate the water savings and community benefits of these programs to understand the cumulative impacts.

The results will inform our over 40 water provider partners, and allow us to continue to innovate and refine our programs to maximize the benefits. Throughout this project, we will bring together experts across research fields to build on established best practices to ensure our analysis is rigorous and comprehensive. Resource Central has a goal of making Waterwise landscapes the new norm in Colorado, quantifying our impact is an important step in achieving our mission.

## 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)  
Efficiency Savings (dollars/year)  
Efficiency Savings (acre-feet/year)  
Area of Restored or Preserved Habitat (acres)  
Quantity of Water Shared through Alternative Transfer Mechanisms or water sharing agreement (acre-feet)

5,000 Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning

50,000 Number of Coloradans Impacted by Engagement Activity

Other

The result of this study will help Resource Central better understand the long-term qualitative and quantitative impacts of our programs and continue to refine our offerings to amplify positive outcomes. Additionally, as Turf Removal efforts in Colorado expand, our findings will help decision-makers across the field to evaluate and assess the benefits of engaging in various types of landscape change initiatives. Interest in landscape change programs from residents and water providers in Colorado has never been higher and the field is set for tremendous growth over the coming years. By quantifying what has already been done, this future growth will be more thoughtful, thorough, and will lead to a greater quantifiable water-saving impact.

## Water Project Justification

The recent passing of the Colorado Turf Removal Bill (HB 22-1151) has generated both excitement and questions about the water-saving and greater community impacts resulting from residential turf removal. Resource Central is a Boulder-based Colorado nonprofit with a 46 year history of conservation action seeking a \$100,000 grant from CWCB to help us study the impacts of two of our relevant water savings initiatives (Garden In a Box and Turf Removal) to help inform Colorado water providers and to refine and strengthen our conservation programs.

Resource Central works in partnership with over 40 Colorado water providers to implement high quality water conservation programs at scale, bringing innovative and impactful offerings to communities across the state. Through the incredibly popular Garden In A Box program, Resource Central has provided over 20,000 community members with DIY xeric plant gardens over the last 20 years. We've been facilitating DIY turf removal for six years and have been providing residential turf removal services for three years. Through our turf replacement efforts, we have helped almost 1,000 people remove a portion of their lawn and replace it with low-water landscapes. This study will help all of our partners understand better the impact of their water savings as they invest in solutions to meet their future water needs and better manage municipal water use which is a key part of the Colorado Water Plan.

Resource Central is an innovative nonprofit, at the forefront of water conservation in the state. This grant will help us improve and grow our impact with water conservation programs that have the potential to reach hundreds of thousands of community members by providing them with fact-based data about the benefits of turf removal to drive their landscaping decisions.

## Related Studies

With CWCB support, Resource Central conducted a previous impact analysis for our outdoor sprinkler assessment program called Slow the Flow, which created a peer-reviewed and published methodology for calculating the water savings that result from that program. The lessons learned and general approach to calculating outdoor water savings from that study will be applied to this proposed analysis for our Garden In A Box and Turf Removal programs.

We are aware of at least two other relevant CWCB grant-funded studies that complement this proposal, including the landscape transformation study in 2018 by Alliance for Water Efficiency, and the ongoing Large Scale Turf Replacement Financing grant being implemented by Western Resource Advocates. We will review those and other nationwide studies in the first phase of our grant activities to help inform our analysis and leverage other similar work.

#### **Taxpayer Bill of Rights**

This does not apply to Resource Central.



Last Updated: May 2021

## Colorado Water Conservation Board

### Water Plan Grant – Statement of Work – Exhibit A

#### Statement Of Work

**Date:** June 30, 2022

**Name of Grantee:** Resource Central

**Name of Water Project:** Landscape Change Program Impact Analysis

**Funding Source:**

#### Water Project Overview:

Resource Central is seeking a grant to study the water use impacts of both our long-standing Garden In A Box program, which has reached over 20,000 residents over the last 15 years, as well as our newer turf removal initiatives which have helped almost 1,000 people remove a portion of their lawn and replace it with low-water landscapes.

Quantifying the full impact of landscape change programs on a community can help inform the greater Colorado water industry around expected outcomes of running programs such as Garden In A Box and Lawn Replacement. This study would be particularly timely as the state, with the passage of HB 22-1151, is set to drastically increase turf removal funding and participation.

Resource Central's water conservation programs are aimed at providing residents with easy solutions that not only save measurable water, but save money too—because that is often a motivating factor to taking conservation action. The benefits are often intangible too—providing habitat for pollinators, bringing neighbors together, and starting a chain reaction of other conservation actions.

#### Project Objectives:

The objective of this project is to evaluate the water savings and broader community benefits of our Turf Removal and Garden In A Box programs to understand the cumulative impacts.

The results will inform our water provider partners, and allow us to continue to innovate and refine our programs to maximize the benefits. Throughout this project, we will bring together experts across research fields, including Peter Mayer from Water Demand, GIS experts, to build on established best practices to ensure our analysis is rigorous and comprehensive. Resource Central has a goal of making Waterwise Landscapes the new norm in Colorado, quantifying our impact—both tangibly and intangibly—is an important step in achieving our mission.



Last Updated: May 2021

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Tasks
<b>Task 1 – Research and Study Design (January-April 2023)</b>
<b>Description of Task:</b>
<p>We will conduct background research to gain insights into methodologies around investigating water use before and after landscape change initiatives. Additionally, we will consult with others in the field (including respected local expert Peter Mayer from Water Demand) to help craft our research questions to capture the benefits and impacts on both water resources as well as social and environmental factors.</p> <p>The research will help us to select the study questions and detail how we plan to utilize available resources and data to develop the most useful results for our water partners and community members.</p>
<b>Method/Procedure:</b>
<ul style="list-style-type: none"><li>A. Hire a one-year Research Fellow and onboard to Resource Central team.</li><li>B. Perform a detailed and comprehensive review of comparable or related studies that evaluate water savings of Turf Removal and landscape change programs in Colorado and nationwide. In this initial stage, we will consult with agencies and individuals in the field who have performed similar work to discuss best practices and lessons learned.</li><li>C. Based on our background research we will select 3-4 study questions that will include before and after water savings analysis as well as alternate ways of investigating program impact. Examples may include but are not limited to: utilizing geospatial analysis and time-lapses to see if a single project leads to additional neighborhood adoption, qualitative surveys of participants, and/or looking at characteristics of multi-year Resource Central participation related to water use. For each of these study questions, Resource Central will develop a methodology for analysis that is based on best practices and guidance from experts in the field.</li></ul>
<b>Deliverable:</b>
<p>Resource Central will provide a Summary of Background Research, as well as the identified Study Questions and Methodology for answering each.</p>

Tasks
<b>Task 2 – Data Analysis (May-December 2023)</b>
<b>Description of Task:</b>



Last Updated: May 2021

We will use best-practice-based analysis to learn about the water savings and broader qualitative and quantitative program impacts of Resource Central's and other landscape change programs.

**Method/Procedure:**

- A. Reach out to water partners to gather before and after water records from community members who have participated in water conservation programs
- B. We will consult with experts in the fields of water conservation impact studies, geospatial analysis, market research survey design, and others as needed.
- C. We will perform water record, geospatial, and other analyses on our available and gathered data to reach conclusions and learnings regarding Resource Central's landscape change programs, as well as draw parallels to the impacts of these types of programs in the broader community.

**Deliverable:**

We will provide an summary of analysis including the list of partners/municipalities engaged, number of households from which data was collected, statistically significant program impacts, and other relevant data points collected.

**Tasks**

**Task 3– Report & Communications (January 2024-June 2024)**

**Description of Task:**

We will document and communicate the water, social, environmental, and community impacts of our landscape change programs. We will share the report with water providers to help them make informed decisions around landscape change program offerings. And we will share an infographic of the results with community members to help them better understand the potential impacts that these programs can have for them directly, as well as for our community and planet. We anticipate sharing results at conferences, such as WSI, to share results across the region.

**Method/Procedure:**





Last Updated: May 2021

- A. We will compile all of the results of our background research, study design, analytical implementation, surveying, and information gathering into a formal report presenting our findings and conclusions regarding the impacts of Resource Central's landscape change programs.
- B. Once the study is complete, we will formally share our findings at Lunch and Learn events, local and regional conferences, meetings, and through individual conversations. We will also share the findings with our 40+ Colorado municipal partners.
- C. In addition to the written report, we will work with a graphic designer to create an infographic or other similar communications tool to convey the impacts of landscape change to community members.

**Deliverable:**

We will share the Final Report and Infographic with 40+ partners and 50,000 Resource Central constituents.

**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**



Last Updated: May 2021

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 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 C. Per 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 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 Grant Guidelines, Progress Reports must be 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.



## Budget and Schedule

Project End Date:

Page 1 of 1

Colorado Water Conservation Board

Water Plan Grant - Detailed Budget Estimate

Fair and Reasonable Estimate

Prepared Date: 30-Jun-22  
 Name of Applicant: Resource Central  
 Name of Water Project: Landscape Change Program Impact Analysis

Task 1: Background Research and Program Design					Item					
	Item	Hourly Rate	# Hours	Sub-total	Item Cost	Quantity	Sub-total	Total	CWCB Funds	Matching Funds
Personnel and Benefits										
	(starting Feb) Research Fellow (24 hr/wk + benefits)	\$ 40.00	289	\$ 11,560.00		\$ -	\$ 11,560.00	\$ 10,000.00	\$ 1,560.00	
	(hiring, onboarding, oversight of project) Water Programs Director	\$ 65.00	60	\$ 3,900.00		\$ -	\$ 3,900.00	\$ 2,500.00	\$ 1,400.00	
	(supervises Research Fellow, GIAB program data) Program Manager-GIAB/Supervisor	\$ 50.00	80	\$ 4,000.00		\$ -	\$ 4,000.00	\$ 3,000.00	\$ 1,000.00	
	(outreach to water partners) Water Partnership Manager	\$ 50.00	20	\$ 1,000.00		\$ -	\$ 1,000.00	\$ 500.00	\$ 500.00	
	(assisting with Lawn Removal program data) Program Manager--Lawn Rem.	\$ 50.00	20	\$ 1,000.00		\$ -	\$ 1,000.00	\$ 500.00	\$ 500.00	
Consulting										
	(expert review on best practices, methodologies, etc) Water Demand/others TBD	\$ 250.00	25	\$ 6,250.00		\$ -	\$ 6,250.00	\$ 6,250.00	\$ -	
Equipment										
	(MacBook Pro for Fellow) computer				\$ 2,000.00	1.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00
TOTAL								\$ 29,710.00	\$ 23,750.00	\$ 5,960.00
Task 2: Analysis (May-December 2023)					Item					
	Item	Hourly Rate	# Hours	Sub-total	Item Cost	Quantity	Sub-total	Total	CWCB Funds	Matching Funds
Personnel and Benefits										
	Research Fellow (24 hr/wk + benefits)	\$ 40.00	768	\$ 30,720.00		\$ -	\$ 30,720.00	\$ 30,720.00	\$ -	
	(supervisor, GIAB lead) Program Manager-GIAB/Supervisor	\$ 50.00	160	\$ 8,000.00		\$ -	\$ 8,000.00	\$ 4,000.00	\$ 4,000.00	
	(oversight of project) Water Programs Director	\$ 65.00	80	\$ 5,200.00		\$ -	\$ 5,200.00	\$ 2,600.00	\$ 2,600.00	
	(assisting with Lawn Removal program data) Program Manager--Lawn Rem.	\$ 50.00	10	\$ 500.00		\$ -	\$ 500.00	\$ -	\$ 500.00	
Consulting										
	Water Demand/others TBD	\$ 250.00	50	\$ 12,500.00		\$ -	\$ 12,500.00	\$ 10,000.00	\$ 2,500.00	
	GIS analysis	\$ -	0	\$ -	\$ 7,500.00	1.00	\$ 7,500.00	\$ 7,500.00	\$ 5,000.00	\$ 2,500.00
	Survey Design	\$ -	0	\$ -	\$ 7,500.00	1.00	\$ 7,500.00	\$ 7,500.00	\$ 5,000.00	\$ 2,500.00
	Software (GIS, survey software)	\$ -		\$ -	\$ 2,000.00	1.00	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 500.00
TOTAL								\$ 73,920.00	\$ 58,820.00	\$ 15,100.00
Task 3-Report and Communiciatons (January-June 2024)					Item					
	Item	Hourly Rate	# Hours	Sub-total	Item Cost	Quantity	Sub-total	Total	CWCB Funds	Matching Funds
Personnel and Benefits										
	(drafts report) Research Fellow (24 hr/wk + benefits)	\$ 40.00	576	\$ 23,040.00		\$ -	\$ 23,040.00	\$ 20,000.00	\$ 3,040.00	
	(supervises Fellow) Program Manager--GIAB/Supervisor	\$ 50.00	120	\$ 6,000.00		\$ -	\$ 6,000.00	\$ 1,500.00	\$ 4,500.00	
	(oversight of project) Water Programs Director	\$ 65.00	60	\$ 3,900.00		\$ -	\$ 3,900.00	\$ -	\$ 3,900.00	
	(assisting with Lawn Removal program data) Program Manager--Lawn Rem.	\$ 50.00	15	\$ 750.00		\$ -	\$ 750.00	\$ -	\$ 750.00	
	(shares results with partners) Water Partnership Manager	\$ 50.00	34	\$ 1,700.00		\$ -	\$ 1,700.00	\$ -	\$ 1,700.00	
Consulting										
	(review final report) Water Demand/others	\$ 250.00	5	\$ 1,250.00		\$ -	\$ 1,250.00	\$ 1,250.00	\$ -	
	(create public commnications tools) Graphic Design/Infographics				\$ 5,000.00	1.00	\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 1,000.00
Conference Attendance										
	(2 staff to WSI or other conferences) Registration fee, travel expenses	\$ -	0	\$ -	\$ 1,500.00	1.00	\$ 1,500.00	\$ 1,500.00	\$ 750.00	\$ 750.00
TOTAL								\$ 43,140.00	\$ 27,500.00	\$ 15,640.00
OVERALL COST								\$ 146,770.00	\$ 110,070.00	\$ 36,700.00

June 28, 2022

Colorado Water Conservation Board  
1313 Sherman St.  
Denver, CO 80203

To Whom It May Concern:

I am writing this letter in support of Resource Central's proposal for a Turf Removal Analysis submitted to the Colorado Water Conservation Board. Denver Water has partnered with Resource Central to implement water conservation programs throughout communities in our service area. We strongly believe that the quantification of program savings and identification of community benefits are paramount to our greater water conservation efforts and their success.

Our organization commits to supporting this project through in-kind services of water bill history compilation, where applicable, and is supportive of a portion of our financial contribution to Resource Central being applied to the funding of this analysis. This data will be useful in structuring potential future programs related to turf removal and waterwise landscaping, and is highly desired by customers and staff.

This project is important to Denver Water as it will provide valuable information on impacts and benefits of Resource Central's waterwise landscape programs. Our partnership with Resource Central is an integral part of our community's response to the ongoing drought and diminishing Colorado water supply.

Sincerely,



Austin Krcmarik  
Water Efficiency Lead

# CENTENNIAL

## WATER AND SANITATION DISTRICT

June 28, 2022

Colorado Water Conservation Board  
1313 Sherman St.  
Denver, CO 80203

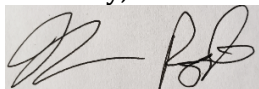
To Whom It May Concern:

I am writing this letter in support of Resource Central's proposal for a Turf Removal Analysis submitted to the Colorado Water Conservation Board. Centennial Water and Sanitation District has partnered with Resource Central to implement water conservation programs in our community. We strongly believe that the quantification of program savings and identification of community benefits are paramount to our greater water conservation efforts and their success.

Our organization commits to supporting this project through in-kind services of water bill history compilation, where applicable, and is supportive of a portion of our financial contribution to Resource Central being applied to the funding of this analysis. This data will be useful in structuring potential future programs related to turf removal and waterwise landscaping, and is highly desired by my community.

This project is important to Centennial Water and Sanitation District, as it will provide valuable information on impacts and benefits of Resource Central's waterwise landscape programs. Our partnership with Resource Central is an integral part of our community's response to the ongoing drought and diminishing Colorado water supply.

Sincerely,



Thomas Riggle  
Water Conservation and Efficiency Coordinator



62 West Plaza Drive  
Highlands Ranch, Colorado 80129  
[www.centennialwater.org](http://www.centennialwater.org)

303-791-0430 Telephone  
303-791-0437 Engineering Fax  
303-791-3290 Financial Services Fax



1739 Broadway  
Boulder, CO 80302  
303.441.3200

[www.bouldercolorado.gov](http://www.bouldercolorado.gov)

24 June 2022

Colorado Water Conservation Board

1313 Sherman St.

Denver, CO 80203

To Whom It May Concern:

I am writing this letter in support of Resource Central's proposal for a Turf Removal Analysis submitted to the Colorado Water Conservation Board. The City of Boulder has partnered with Resource Central to implement water conservation programs in our community. We strongly believe that the quantification of program savings and identification of community benefits are paramount to our greater water conservation efforts and their success.

Our organization commits to supporting this project through in-kind services of water bill history compilation, where applicable, and is supportive of a portion of our financial contribution to Resource Central being applied to the funding of this analysis. This data will be useful in structuring potential future programs related to turf removal and waterwise landscaping and is highly desired by my community.

This project is important to the City of Boulder as it will provide valuable information on impacts and benefits of Resource Central's waterwise landscape programs. Our partnership with Resource Central is an integral part of our community's vision and values.

Sincerely,

A handwritten signature in black ink, appearing to read "Robby Glenn".

Robby Glenn P.E

Civil Engineering Sr. Project Manager



June 24, 2022

Colorado Water Conservation Board  
1313 Sherman St.  
Denver, CO 80203

To Whom It May Concern:

I am writing this letter in support of Resource Central's proposal for a Turf Removal Analysis submitted to the Colorado Water Conservation Board. The City of Fountain has partnered with Resource Central to implement water conservation programs in our community. We strongly believe that the quantification of program savings and identification of community benefits are paramount to our greater water conservation efforts and their success.

Our organization commits to supporting this project through in-kind services of water bill history compilation, where applicable, and is supportive of a portion of our financial contribution to Resource Central being applied to the funding of this analysis. This data will be useful in structuring potential future programs related to turf removal and waterwise landscaping, and is valued by the Fountain community.

This project is important to the City of Fountain as it will provide valuable information on impacts and benefits of Resource Central's waterwise landscape programs. Our partnership with Resource Central is an integral part of our community's response to the ongoing drought and diminishing Colorado water supply.

Sincerely,

Katie Helm  
Conservation & Sustainability Manager





## WESTMINSTER

June 26, 2022  
Colorado Water Conservation Board  
1313 Sherman St.  
Denver, CO 80203

CWCB Board and Staff –

I am writing to express the City of Westminster's support for Resource Central's grant proposal for a Turf Removal Analysis. We have partnered with Resource Central for the past two decades to implement water efficiency programs in our community, and currently offer both their Garden in a Box and Turf Replacement Programs to our residents. The quantification of program savings and identification of community benefits, as learned through this grant proposal, will be tremendously beneficial to our long-term water planning efforts.

Westminster staff will commit to supporting this project through in-kind services of water bill history compilation, and is supportive of directing a portion of our financial contribution to Resource Central being applied to funding this analysis.

This project is important to Westminster because it will provide valuable information on the impacts and benefits of Resource Central's waterwise landscape programs. This data will be useful in structuring future programs related to turf removal and waterwise landscaping, and is highly desired by our water customers. The City's long-term partnership with Resource Central is an integral part of Westminster's response to Colorado's growing aridity.

Sincerely,

Drew Beckwith  
Sr. Water Resources Analyst  
City of Westminster, Public Works & Utilities  
dbeckwith@cityofwestminster.us  
303-658-2386



## City of Boulder Climate Initiatives

June 24, 2022

Colorado Water Conservation Board  
1313 Sherman St.  
Denver, CO 80203

To Whom It May Concern:

I am writing this letter in support of Resource Central's proposal for a Turf Removal Analysis submitted to the Colorado Water Conservation Board. The City of Boulder's Climate Initiatives Department has partnered with Resource Central to implement water conservation programs in our community. We strongly believe that the quantification of program savings and identification of community benefits are paramount to our greater water conservation efforts and their success. It is a vital consideration in the natural climate solutions strategies we are currently developing.

Our organization commits to supporting this project through in-kind services of water bill history compilation, where applicable, and is supportive of a portion of our financial contribution to Resource Central being applied to the funding of this analysis. This data will be useful in structuring potential future programs related to turf removal and waterwise landscaping, and is highly desired by my community.

This project is important to the city of Boulder and to our Cool Boulder Campaign as it will provide valuable information on impacts and benefits of Resource Central's waterwise landscape programs. Our partnership with Resource Central is an integral part of our community's response to the ongoing drought and diminishing Colorado water supply.

Sincerely,

Brett KenCairn  
Senior Climate Policy Advisor  
Natural Climate Solutions Team Lead  
City of Boulder, Colorado