



Last Update: September 18, 2020

Colorado Water Conservation Board
Water Supply Reserve Fund Grant Application

Instructions
<p>All WSRF grant applications shall conform to the current 2020 WSRF Criteria and Guidelines.</p> <p>To receive funding from the WSRF, a proposed water activity must be recommended for approval by a Roundtable(s) AND the approved by the Colorado Water Conservation Board (CWCB). The process for roundtable consideration and recommendation is outlined in the 2020 WSRF Criteria and Guidelines. The CWCB meets bimonthly.</p> <p>If you have questions, please contact the WSRF Grant Program Manager (for all Roundtables) or your Roundtable Liaison:</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p>Ben Wade ben.wade@state.co.us 303-866-3441 x3238 (office)</p> </div> <div style="text-align: center;"> <p>Sam Stein Sam.stein@state.co.us 303-866-3441(office)</p> </div> </div>

WSRF Submittal Checklist (Required)
<p>YES <input type="checkbox"/> NO <input type="checkbox"/> This request was recommended for CWCB approval by the sponsoring roundtable.</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> I have read and understand the 2020 WSRF Criteria and Guidelines.</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> Grantee will be able to contract with CWCB using the Standard Contract.¹</p> <p style="text-align: center; margin-top: 20px;">Application Documents included:</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> Exhibit A: Statement of Work² (<i>Word – see Template</i>)</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> Exhibit B: Budget & Schedule² (<i>Excel Spreadsheet – see Template</i>)</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> Letters of Matching and/or Pending 3rd Party Commitments²</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> Map²</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> Photos/Drawings/Reports</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> Letters of Support</p> <p style="text-align: center; margin-top: 20px;">Contracting Documents³</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> Detailed/Itemized Budget³ (<i>Excel Spreadsheet – see Template</i>)</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> Certificate of Insurance⁴ (<i>General, Auto, & Workers' Comp.</i>)</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> Certificate of Good Standing⁽⁴⁾</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> W-9 Form⁴</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> Independent Contractor Form⁴ (<i>If applicant is individual, not company/organization</i>)</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/> Electronic Funds Transfer (ETF) Form⁴</p>

¹Click "Grant Agreements". For reference only/do not fill out or submit/required for contracting

² Required with application if applicable.

³ Additional documentation providing a Detailed/Itemized Budget maybe required for contracting. Applicants are encouraged to coordinate with the CWCB Project Manager to determine specifics.

⁴ Required for contracting. While optional at the time of this application, submission can expedite contracting upon CWCB Board approval.



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Schedule		
CWCB Meeting	Application Submittal Dates	Type of Request
January	October 1	Basin Account
March	December 1	Basin/Statewide Account/Water Plan Grant Match ¹
May	February 1	Basin Account
July	April 1	Basin Account
September	June 1	Basin/Statewide Account
November	August 1	Basin Account

¹ If either the basin or statewide match includes matching funds from a pending Water Plant Grant, both must be submitted by December 1st deadline for March Board meeting review.

Water Activity Summary	
Name of Applicant	Western Resource Advocates
Name of Water Activity	Enabling Large-Scale Replacement of Non-Essential Turf
Approving Roundtable(s)	Basin Account Request(s) ¹
Metro Roundtable	\$12,500
South Platte Basin Roundtable	\$12,500
Basin Account Request Subtotal	\$25,000
Basin Account Request Subtotal Approved by Roundtable	\$25,000
Statewide Account Request ⁽¹⁾	\$0
Total WSRF Funds Requested (Basin & Statewide)	\$25,000
Total Project Costs	\$519,878

¹ Please indicate the amount recommended for approval by the Roundtable(s)

Grantee and Applicant Information	
Name of Grantee(s)	Western Resource Advocates (WRA)
Mailing Address	2260 Baseline Rd. Boulder, CO, 80302



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Grantee and Applicant Information	
FEIN	84-1113831
Grantee's Organization Contact¹	Rick Trilsch
Position/Title	Vice President of Finance and Administration
Email	rick.trilsch@westernresources.org
Phone	720-763-3723
Grant Management Contact²	Laura Belanger
Position/Title	Senior Water Resource Engineer and Policy Analyst
Email	Laura.belanger@westernresources.org
Phone	
Name of Applicant (if different than grantee)	
Mailing Address	
Position/Title	
Email	
Phone	

¹ Person with signatory authority

² Person responsible for creating reimbursement invoices (Invoice for Services) and corresponding with CWCB staff.

Description of Grantee
Provide a brief description of the grantee's organization (100 words or less).
<p>For more than 30 years, Western Resource Advocate's mission has been to protect the West's land, air, and water to ensure vibrant communities exist in balance with nature. Our team of economists, engineers, attorneys, and policy experts work with partners and stakeholders across the Interior West to address climate change and craft innovative solutions to the most pressing conservation issues in our seven-state region.</p> <p>Western Resource Advocates will serve as is the grantee for the proposed project. Our Project Team also includes the WaterNow Alliance, Headwaters Corporation, Ecoscape Environmental Design, Resource Central, and the University of Colorado, Denver Department of Planning and Design.</p>

Type of Eligible Entity (check one)	
<input type="checkbox"/>	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.
<input type="checkbox"/>	Public (Districts): authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises



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Type of Eligible Entity (check one)	
	Private Incorporated: mutual ditch companies, homeowners associations, corporations
	Private Individuals, Partnerships, and Sole Proprietors: are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
X	Non-governmental organizations: broadly, any organization that is not part of the government
	Covered Entity: as defined in Section 37-60-126 Colorado Revised Statutes

Type of Water Activity (check one)	
X	Study
	Implementation

Category of Water Activity (check all that apply)		
	Nonconsumptive (Environmental)	
	Nonconsumptive (Recreational)	
	Agricultural	
X	Municipal/Industrial	
	Needs Assessment	
X	Education & Outreach	
	Other	Explain:

Location of Water Activity	
Please provide the general county and coordinates of the proposed activity below in decimal degrees . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Countries	This project has broad statewide applicability. Specific case studies for pilot turf replacement projects and economic analyses will involve several partner communities in the South Platte Basin and Metro regions. The financing mechanisms research and broad educational outreach will be tailored to reach—and be appropriate for—communities around the state (i.e., both western and eastern slopes).
Latitude	
Longitude	

Water Activity Overview
Please provide a summary of the proposed water activity (200 words or less). Include a description of the activity and what the WSRF funding will be used for specifically (e.g. studies, permitting, construction). Provide a description of the water supply source to be utilized or the water body affected by the activity. 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, area of habitat improvements. If this project addresses multiple purposes or spans multiple basins, please explain.



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Water Activity Overview
<p>The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, and Schedule.</p> <p>The requested WSRF funds will support our project designed to enable large-scale turf replacement projects that otherwise face an economic barrier to implementation. Project results and information – developed working with South Platte and Metro region project partners – will be applicable and disseminated to communities and others throughout these basins and Colorado more broadly.</p> <p>We will achieve this by: (1) undertaking research and analysis on a suite of finance mechanisms that can be utilized to fund large turf replacement projects; (2) working with partner communities in the South Platte and Metro regions to undertake research and analysis on specific potential pilot projects that include estimated water savings and associated implementation and maintenance costs based on acreage of turf converted, and also conducting a community-wide non-essential turf assessment to give each partner community estimates for potential savings; (3) working with partner communities to identify implementation challenges and pathways, including any legal, policy, and other barriers that may arise with turf projects and related financing; (4) sharing project results with other communities looking to implement similar projects through targeted education and outreach activities, including the importance of landscape professional certification and water efficient land use codes; and (5) if requested, supporting partner communities in pursuing state and federal loans or grants to further their turf replacement efforts.</p>

Measurable Results		
To catalog measurable results achieved with WSRF funds please provide any of the following values.		
	New Storage Created (acre-feet)	
X	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)	
The project will help meet Colorado's Water Plan goal of conserving 400,000 acre-feet/year	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
	Area of Restored or Preserved Habitat (acres)	
	Length of Pipe/Canal Built or Improved (linear feet)	
X	Other	Explain: ~1,200,000 million Coloradans live within the four communities interested in partnering on this project

Water Activity Justification
<p>Provide a description of how this water activity supports the goals of Colorado's Water Plan, the most recent Statewide Water Supply Initiative, and the respective roundtable Basin Implementation Plan and Education Action Plan ⁽¹⁾. 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>For applications that include a request for funds from the Statewide Account, the proposed water activity shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan criteria for state support (CWP,</p>



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Water Activity Justification

Section 9.4, pp. 9-43 to 9-44;) (Also listed pp. 4-5 in [2020 WSRF Criteria and Guidelines](#)).

This project will help meet the conservation goals and measurable outcomes identified in the BIPs, meets an identified need, demonstrates a commitment to collaboration, addresses an identified water gap, demonstrates sustainability, and is designed to establish fiscal feasibility of turf replacement projects. It is identified as part of the no- and low-regrets scenario planning process. The project is sustainable and helps meet CWP conservation goals, avoids adverse environmental impacts, and maximizes the use of water resources.

Colorado's Water Plan, Statewide Water Supply Initiative (SWSI), and nearly all of the BIPs emphasize the role of improved water efficiency and water conservation as important components to reduce the municipal and industrial (M&I) gap. The role of outdoor landscapes and irrigation, including turf retrofits, is specifically called out in many instances.

Colorado's Water Plan (CWP) recognizes that "[w]ater conservation activities and water reuse will play an important role in balancing the need for additional water supply with strategies to lessen that need" (CWP p.6-59). Table 5-1 (CWCB p. 5-8) includes the conservation strategy "[l]andscape transformation of some high-water requirement turf to low-water requirement plantings." Examples of "best efforts" of conservation to date include:

- turf conversion by Aurora Water, Castle Rock and Denver Water (CWP p. 6-62);
- the IBCC goal to "[r]educe Colorado's 2050 municipal water demands by 400,000 acre-feet statewide" (CWP p. 6-65); and
- the State Agency Conservation action that "[t]he CWCB will provide grants and technical support to state agencies for the installation of high-efficiency toilets and urinals, replacement of turf grass with plants that use less water, and improvement of cooling towers." (CWP p. 6-113).

Regarding potential funding resources, the Water Plan includes "[l]investigate the use of conservation tax credits as a potential funding source. This could support efficient outdoor irrigation systems and replacement of residential outdoor turf with plants that use less water." (CWP p. 9-17). Section 6.3.1. Municipal Conservation includes, among others, actions to:

- adopt conservation incentives, support water management activities for all water providers;
- explore incentives for outdoor water conservation measures, water conservation education and outreach;
- strengthen partnerships; and
- explore expanding conservation funding (CWP p. 6-73).

"Conservation: Colorado's Water Plan sets a measurable objective to achieve 400,000 acre-feet of municipal and industrial water conservation by 2050", noting "Colorado must address projected gaps between future water needs and available water provisions from both the supply side and the demand side. Every acre-foot of conserved water used to meet new demands is an acre-foot of water that does not need to come from existing uses." (CWP p. 10-5). While the range of AF has been provided as part of the Technical Update, WRA's project aims to build towards meeting this deliverable. WRA's proposed project does not require permitting to be implemented, but conforms to the CWP framework (CWP p.9-43 to 9-44).

SWSI 2010 says "[p]roviding an adequate water supply for Colorado's citizens, agriculture, and the environment will involve implementing a mix of local water projects and processes, conservation, reuse, agricultural transfers, and the development new water supplies, all of which should be pursued concurrently" (SWSI p.1-1). It includes the Landscape conservation savings and measure "[l]andscape transformation of some high-water requirement turf to low water requirement plantings" (SWSI p. 7-9). SWSI identifies 2050 conservation savings of between 154,000 acre-feet for passive conservation to 615,300 acre-feet for high levels of conservation, including turf replacement.

The South Platte BIP (SPBIP) includes a solution to "[m]aintain leadership in conservation and reuse and implement additional measures to reduce water consumption rates" (SPBIP p.5-12), and calls for "enhancing water use efficiencies (conservation and reuse)" (SPBIP p. 5-10). The SPBIP's vision for meeting the east slope municipal gap includes "[r]eaching enhanced levels of municipal conservation and reuse" (SPBIP p.1-20). The SPBIP includes 415,000 acre-feet of conservation savings between 2000 and 2050 (SPBIP Table 4-9, p.4-22). Water efficiency and conservation is a prominent theme throughout the South Platte BIP.

The Arkansas BIP lists Landscape Management as a key component of Local Conservation Planning, stating "[a] noteworthy component of landscape management involves providing incentives and rebates to customers to either upgrade existing automated sprinkler systems and/or remove turf grass in favor of native plant materials and/or Xeric plantings" (Ark BIP p.192).

The Colorado BIP theme four is to "[e]ncourage a high level of basin-wide conservation" stating "[a]lthough many stakeholders within the Basin have begun to embrace the importance of conservation, more conservation, efficiency and reuse efforts are needed" (COBIP p. 16). An example of how water providers are accomplishing this includes "[a]doption of plans that require more xeriscaping, using plants that don't require irrigation, and reducing irrigation of remaining turf" (CO BIP p. 60).

The Gunnison BIP Principle 5 is "[w]ater conservation, demand management, and land use planning that incorporates water supply factors should be equitably employed statewide" with an Implementation Step to "[p]romote programs that encourage drought tolerant vegetation and discourage lawn irrigation" (Gun BIP p. 43). Regarding the development of new Colorado River supplies, the BIP includes a criterion that "[e]ntities should first reach high levels of municipal and industrial water conservation as defined in SWSI 2010 prior to further development of Colorado River System water" (Gun BIP p. 42).



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Water Activity Justification
<p>The <u>Southwest BIP</u> includes a goal to “[p]romote wise and efficient water use through implementation of municipal conservation strategies to reduce overall future water needs” (SWBIP Table 1, p. 14). It also states “[t]he Roundtable continues to firmly believe that conservation and reuse must be a major means to reduce demand and address future gaps and that no TMD should proceed unless high level conservation goals are achieved” (SWBIP p.102). “Recognizing that municipal demand is one of the driving forces behind agricultural dry-up and that outdoor urban irrigation is one of the highest consumptive uses of municipal water. The Roundtable agrees that before it will consider a new TMD, outdoor irrigation by water providers using agricultural buy-up and dry-up and/or pursuing a TMD should meet the higher goal of 70/30 ratio of inside to outside use of municipal water by the year 2030” (SWBIP p. 2).</p> <p>The <u>Yampa White Green BIP</u> states that “[w]ater conservation efforts are also included as an important component of meeting municipal demands in the basin” with a related process to “[e]ncourage municipal entities to meet some future municipal water needs through water conservation and efficiency” (YWG BIP p. 1-10).</p> <p>The <u>North Platte BIP</u> includes a goal to “[s]upport the equitable statewide application of municipal water conservation” (NPBIP p. 18) with a related process to “[s]upport the use of state funding to provide incentives for reaching municipal conservation and efficiency standards” (NPBIP p. 25). “The NPBRT supports a wide variety of water conservation methods including municipal conservation programs, strategic growth and development, and landscape limitations” (NPBIP p. 25).</p>

¹ Access Basin Implementation Plans or Education Action Plans from Basin drop down menu.

Matching Requirements: Basin Account Requests	
Basin (only) Account grant requests require a 25% match (cash and/or in-kind) from the Applicant or 3 rd party and shall be accompanied by a letter of commitment as described in the 2020 WSRF Criteria and Guidelines (submitted on the contributing entity’s letterhead). Attach additional sheet if necessary.	
Contributing Entity	Amount and Form of Match (note cash or in-kind)
Colorado Water Plan Conservation Grant – (Pending)	\$259,887 (cash)
WaterNow Alliance (WNA) – (committed)	\$76,645 (in-kind)
Resource Central (committed)	7,000 (in-kind)
University of Colorado, Denver Department of Planning and Design, University of Colorado (committed)	\$4,330 (in-kind)
Northern Colorado Conservancy District (committed)	\$10,000 (cash)
Western Resource Advocates (WRA) existing funders’ project support (committed)	\$115,657 (cash)
WRA is applying to several funders to secure the remaining \$21,359 of matching cash funds needed for this project. We are in conversations with these entities and will be applying for funds by the end of 2020, or by March of 2021, in accordance with their application due dates. However, because we are still discussing this project and potential applications with funders we are unable to list them at this time.	\$21,359 (cash)
Total Match	\$494,878
(In part due to unanticipated changes in grant application due dates, some of our matching funding is in process. We respectfully request that, if the Roundtable votes to approve our grant request, it be contingent on us successfully securing matching funds, including a Colorado Water Plan Grant. Additionally, if the full amount of matching funds is not secured,	



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Matching Requirements: Basin Account Requests	
we will work with the CWCB and supporting roundtable(s) on a modified scope that meets project objectives.)	

Matching Requirements: Statewide Account Requests	
Statewide Account grant requests require a 50% match as described in the 2020 WSRF Criteria and Guidelines . At least of 10% of the required Statewide Account Grant request match shall be cash from Basin Account funds whether that is from one or multiple basins; and the remaining 40% of the required match may be provided from any source, including other grants, cash from the Basin Account, or any combination of cash, in-kind services, or in-kind materials.and shall be accompanied by a letter of commitment . Attach additional sheet if necessary.	
Contributing Entity	Amount and Form of Match (note cash or in-kind):
Total Match	\$
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	

Related Studies
Please provide a list of any related studies, including if the water activity is complimentary to or assists in the implementation of other CWCB programs.
<ul style="list-style-type: none"> Brombaugh, R., and J. Figuerora, 2015, <i>Tapping the Power of the Market: Energy Savings, Water Conservation, and New Revenue Streams through Performance Contracting in the Colorado River Basin States</i>, McKinstry and Western Resource Advocates. Blanchard, Jennie C. Nolon, 2018, <i>Integrating Water Efficiency into Land Use Planning in the Interior West: A Guidebook for Local Planners</i>. Prepared by Land Use Law Center for Western Resource Advocates. Koehler, C. and C. Koch, 2019, <i>Innovation in Action: 21st Century Water Infrastructure Solutions</i>. WaterNow Alliance



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Previous CWCB Grants
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
<p>1) Applicant Name: Western Resource Advocates Water Activity Name: Tap Fee Workshop Series in Colorado (2016) Approving RT: n/a CWCB board meeting date: n/a, it was approved through the Water Efficiency Grant Fund PO: POGGI PDAA 20170000000000000044 Percentage of CWCB funding: 75%</p> <p>2) Applicant Name: Western Resource Advocates Water Activity Name: Best Practices for Water Meter Retrofit Projects Financed by State Performance Contracts in Colorado (2017) Approving RT: n/a CWCB board meeting date: n/a, it was approved through the Water Efficiency Grant Fund PO: POGGI PDAA,201700000000000000521 Percentage of CWCB funding:33%</p> <p>3) Applicant Name: Western Resource Advocates Water Activity Name: Conservation-Oriented Tap Fees: Guide & Workshop Approving RT: n/a CWCB board meeting date: May 2018 PO: POGGI PDAA,2019000000019 Percentage of CWCB funding: 44%</p> <p>4) Applicant Name: Western Resource Advocates Water Activity Name: Best Practices for Water Meter Retrofit Projects Financed by State Performance Contracts in Colorado Approving RT: n/a PO: POGGI PDAA,2019000000020 Percentage of CWCB funding: 34%</p> <p>5) Applicant Name: Western Resource Advocates Water Activity Name: Integrated Water & Land Use Planning in Colorado Communities: Direct Community Assistance Approving RT: n/a CWCB board meeting date: November 2019 PO: POGGI PDAA,2019000000019 Percentage of CWCB funding: 44%</p> <p>6) Applicant Name: Western Resource Advocates Water Activity Name: Removing barriers: building capacity to implement critical water conservation and efficiency programs Approving RT: n/a CWCB board meeting date: November 2019 PO: POGGI PDAA,202000002583 Percentage of CWCB funding: 46%</p>

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Tax Payer Bill of Rights
The Tax Payer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect the applicant.
N/A

**Water Supply Reserve Fund
Water Activity Summary Sheet
March 10-11, 2021
Consent Agenda Item 2(i)**

Applicant & Grantee: Western Resource Advocates

Water Activity Name: Enabling Large-Scale Replacement of Non-Essential Turf

Water Activity Purpose: Education & Outreach, Municipal/Industrial - Study

County: Statewide

Drainage Basin: Statewide

Water Source: N/A

Amount Requested: \$12,500 Metro Basin Account
\$12,500 South Platte Basin Account
\$25,000 Total Request

Matching Funds: Basin Account Match = \$446,381 (\$358,406 cash & \$87,975 in-kind)
• 94.6% of total project costs (meets 25% min)

Staff Recommendation:
Staff recommends approval of up to \$12,500 from the Metro Basin Account, and up to \$12,500 from the South Platte Basin Account to help fund the project: Enabling Large-Scale Replacement of Non-Essential Turf

Water Activity Summary: The requested WSRF funds will support the applicant's proposal designed to enable large-scale turf replacement projects that otherwise face an economic barrier to implementation. Project results and information - developed working with South Platte and Metro region project partners - will be applicable and disseminated to communities and others throughout these basins and Colorado more broadly.

The applicant proposes to achieve their goals by: (1) undertaking research and analysis on a suite of finance mechanisms that can be utilized to fund large turf replacement projects; (2) working with partner communities in the South Platte and Metro regions to undertake research and analysis on specific potential pilot projects that include estimated water savings and associated implementation and maintenance costs based on acreage of turf converted, and also conducting a community-wide non-essential turf assessment to give each partner community estimates for potential savings; (3) working with partner communities to identify implementation challenges and pathways, including any legal, policy, and other barriers that may arise with turf projects and related financing; (4) sharing project results with other communities looking to implement similar projects through targeted education and outreach activities, including the importance of landscape

professional certification and water efficient land use codes; and (5) if requested, supporting partner communities in pursuing state and federal loans or grants to further their turf replacement efforts.

Discussion: The project will help advance the South Platte Basin Implementation Plan's by addressing an identifiable water gap, focus on maintaining leadership in water conservation, increased water efficiency and reaching enhanced levels of municipal conservation. The proposal will also further advance Colorado's Water Plan conservation measurable objective.

Issues/Additional Needs: No issues or additional needs have been identified.

Eligibility Requirements: The application meets requirements of all eligibility components.

Evaluation Criteria: Staff has determined this activity satisfies the Evaluation Criteria.

Funding Sources/Match	Cash	In-Kind	Total	Status
Western Resource Advocates	\$115,657	\$0	\$115,657	Secured
CWCB Water Plan Grant	\$259,887	\$0	\$259,887	Pending
Water Now Alliance	\$0	\$76,645	\$76,645	Secured
Resource Central	\$0	\$7,000	\$7,000	Secured
University of Colorado - Denver	\$0	\$4,330	\$4,330	Secured
Northern Colorado Conservancy District	\$10,000	\$0	\$10,000	Secured
Additional Funders	\$21,359	\$0	\$21,359	Pending
Sub Total Matching Funds	\$406,903	\$87,975	\$494,878	
WSRF Metro Basin Account	\$12,500	\$0	\$12,500	Secured
WSRF South Platte Basin Account	\$12,500	\$0	\$12,500	Secured
Sub Total WSRF Funds	\$25,000	\$0	\$25,000	
Total Project Costs	\$431,903	\$87,975	\$519,878	

CWCB Project Manager: Kevin Reidy

THE COLORADO BASIN ROUNDTABLE
C/O P.O. BOX 1120
GLENWOOD SPRINGS, COLORADO
81602

October 15, 2020

Kevin Reidy
Colorado Water Conservation Board
Water Supply Planning Section
1313 Sherman Street, Room 721
Denver, CO 80203
Kevin.reidy@state.co.us

Dear Kevin:

The Colorado Basin Roundtable voted unanimously on September 28, 2020 to support Western Resource Advocates' project *Enabling Large-Scale Replacement of Non-Essential Turf*. This project is designed to accelerate the large-scale removal of existing non-essential turf by identifying and piloting various finance mechanisms available to Colorado communities, as well as to prevent the installation of new non-essential turf. Western Resource Advocates is requesting \$25,000 of Metro Basin WSRF funds and a Water Plan Conservation Grant of \$264,000.

This project will advance the Colorado Basin Implementation Plan's (BIP) themes to "Encourage a High Level of Basinwide Conservation across all uses" and "Develop Local Water Conscious Land Use Strategies". The project will have statewide application and will include a strong focus on Front Range communities which will help advance the CBRT's interest in ensuring that "All Colorado River users need to assess in-basin solutions that use high conservation measures, reuse, land use and best-practice agricultural transfer methods before considering projects that increase diversions from the Colorado River Basin" [BIP p. 18]. The project will help meet state and individual communities' conservation goals through outdoor water savings by converting non-essential turf to lower water use landscaping. Therefore, we support this cross-basin effort to facilitate large-scale turf removal in Colorado.



Jason V. Turner
Chair, Colorado Basin Roundtable

November 16, 2020

Kevin Reidy
Colorado Water Conservation Board
1313 Sherman St., Room 721
Denver, CO 80203

Re: Metro Roundtable support for WSRF Basin and Water Plan Grants for Western Resource Advocates'
Enabling Large-Scale Replacement of Non-Essential Turf project

Dear Kevin,

At our November 12th meeting, the Metro Roundtable voted to approve a Metro WSRF Basin Grant of \$12,500 and to support a Water Plan Grant for Western Resource Advocates' (WRA) project which is designed to enable the replacement of existing large-scale non-essential turf with lower water use landscaping by identifying and piloting various finance mechanisms available to Colorado communities. The project will also work with communities to minimize the installation of new non-essential turf. As part of the project, WRA will evaluate finance mechanism options and develop water use, cost, and other data to evaluate and incentivize turf replacement projects. The overarching goal of the project is to reduce the amount of water used to irrigate non-essential turf throughout Colorado.

WRA's WSRF application fully meets the Metro Roundtable WSRF Guidelines and WSRF Grant Program Criteria. We also believe it meets the Water Plan Guidelines. The project will help advance the South Platte Basin Implementation Plan's focus on maintaining leadership in water conservation and reaching enhanced levels of municipal conservation. It will also further advance Colorado's Water Plan conservation measurable objective.

Upon review and consideration of WRA's proposal, the Metro Roundtable unanimously voted to approve the full \$12,500 of Basin WSRF funds requested by the applicant and to support their Water Plan Grant application.

Sincerely,



Barbara Biggs, Chair
Metro Roundtable

November 23, 2020

Ben Wade
Colorado Water Conservation Board
1313 Sherman St., Room 721
Denver, CO 80203

Re: South Platte Roundtable support for WSRF Basin Funds for Western Resource Advocates' *Enabling Large-Scale Replacement of Non-Essential Turf* project

Dear Ben,

The South Platte Roundtable underwent an evaluation and approval process and voted to support Western Resource Advocates' (WRA) project which is designed to enable the replacement of existing large-scale non-essential turf with lower water use landscaping by identifying and piloting various finance mechanisms available to Colorado communities. The project will also work with communities to minimize the installation of new non-essential turf. As part of the project, WRA will evaluate finance mechanism options and develop water use, cost, and other data to evaluate and incentivize turf replacement projects. The overarching goal of the project is to reduce the amount of water used to irrigate non-essential turf throughout Colorado.

WRA's WSRF application fully meets the South Platte Basin Roundtable WSRF Guidelines and WSRF Grant Program Criteria. The project will help advance the South Platte Basin Implementation Plan's focus on maintaining leadership in water conservation and reaching enhanced levels of municipal conservation. It will also further advance Colorado's Water Plan conservation measurable objective.

Upon review and consideration of WRA's proposal, the South Platte Basin Roundtable unanimously voted to approve the full \$12,500 of Basin WSRF funds requested by the applicant at the November 10, 2020 Roundtable meeting.

Sincerely,

A handwritten signature in blue ink, appearing to read "Garrett Varra", with a long horizontal flourish extending to the right.

Garrett Varra, Chair
South Platte Basin Roundtable



Letters of Support

Western Resource Advocates is pleased to submit the following letters of support.

Attached

- Colorado Basin Roundtable
 - City of Westminster
 - City of Greeley
 - City of Broomfield
 - City of Aurora
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THE COLORADO BASIN ROUNDTABLE
C/O P.O. BOX 1120
GLENWOOD SPRINGS, COLORADO
81602

October 15, 2020

Kevin Reidy
Colorado Water Conservation Board
Water Supply Planning Section
1313 Sherman Street, Room 721
Denver, CO 80203
Kevin.reidy@state.co.us

Dear Kevin:

The Colorado Basin Roundtable voted unanimously on September 28, 2020 to support Western Resource Advocates' project *Enabling Large-Scale Replacement of Non-Essential Turf*. This project is designed to accelerate the large-scale removal of existing non-essential turf by identifying and piloting various finance mechanisms available to Colorado communities, as well as to prevent the installation of new non-essential turf. Western Resource Advocates is requesting \$25,000 of Metro Basin WSRF funds and a Water Plan Conservation Grant of \$264,000.

This project will advance the Colorado Basin Implementation Plan's (BIP) themes to "Encourage a High Level of Basinwide Conservation across all uses" and "Develop Local Water Conscious Land Use Strategies". The project will have statewide application and will include a strong focus on Front Range communities which will help advance the CBRT's interest in ensuring that "All Colorado River users need to assess in-basin solutions that use high conservation measures, reuse, land use and best-practice agricultural transfer methods before considering projects that increase diversions from the Colorado River Basin" [BIP p. 18]. The project will help meet state and individual communities' conservation goals through outdoor water savings by converting non-essential turf to lower water use landscaping. Therefore, we support this cross-basin effort to facilitate large-scale turf removal in Colorado.



Jason V. Turner
Chair, Colorado Basin Roundtable



WESTMINSTER

October 23, 2020

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

Re: Letter of Support for Western Resource Advocates' Colorado Water Plan Grant - 2020

Dear Kevin,

The City of Westminster is pleased to provide a letter of support for Western Resource Advocates' (WRA) Colorado Water Conservation Board Water Plan Grant application for "Finance Mechanisms for the Replacement of Large Scale Non-Essential Turf". We fully support WRA's efforts to help communities overcome financing and other barriers to large-scale turf removal projects in Colorado. The project will develop and disseminate valuable statewide resources. They will also tailor community-specific aspects of the project to the needs of the partner communities they will work with. WRA possess the professional and technical expertise to accomplish their objectives. Further, they have pulled together a strong Project Team with the appropriate skill-sets and expertise to successfully complete the overall project. The City actively works with both WRA and WaterNow Alliance (WNA) and greatly appreciates both of their resources, experience, and personnel that they will bring to the project.

As described throughout Colorado's Water Plan, there is a strong need for all communities to become more water efficient, and irrigated non-native turf parcels represent a prime opportunity to use our water resources more efficiently. We fully support the efforts of WRA and the Project Team to help Colorado communities identify ways to pilot and scale turf replacement projects. We see immense value in this and the City of Westminster is looking forward to how it will help us further implement large turf removal projects that our Parks, Recreation, and Libraries Department has already undertaken.

Sincerely,

Drew Beckwith
Water Resources Analyst
City of Westminster
dbeckwith@cityofwestminster.us
303-658-2386



November 3, 2020

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

Re: Letter of Support for Western Resource Advocates' Colorado Water Plan Grant - 2020

Dear Kevin,

City of Greeley Water and Sewer Department is pleased to provide a letter of support for Western Resource Advocates' (WRA) Colorado Water Conservation Board Water Plan Grant application for their project, "Finance Mechanisms for the Replacement of Large Scale Non-Essential Turf". We fully support WRA's efforts to help communities overcome financing and other barriers to large-scale turf removal projects in Colorado. The project will develop and disseminate valuable statewide resources. They will also tailor community-specific aspects of the project to the needs of the partner communities they will work with. WRA possess the professional and technical expertise to accomplish their objectives. Further, they have pulled together a strong Project Team with the appropriate skill-sets and expertise to successfully complete the overall project. For example, we have worked with WaterNow Alliance (WNA) and greatly appreciate their resources, experience, and personnel they will bring to the project.

The city of Greeley has just begun a turf replacement program within the city in the last couple of years. Greeley did a pilot project in 2018-19 with a small number of homes and has rolled out a larger program 2020. Judging from the number of people that are interested in the 2021 program, we will again reach our maximum number of participants. This program is not only a conservation measure, but also a drought measure by helping the customer create an attractive xeric space that will be more resilient in years of drought. Although, it will take a few years of establishment and we don't have a lot of data yet, we hope to find that this program can not only assist the customer in removing turf and replacing it with more sustainable landscapes but also provide long term water savings. This program has a couple of side benefits in that it is providing technical and financial resources to customers who have been wanting to do this. It is a good face to face opportunity to help the customer with other conservation programs and create a good working relationship with them. As the cost of delivering water continues to escalate, it is important to offers ways to help the residents/customers save and this is a popular program.

As described throughout Colorado's Water Plan, there is a strong need for growing communities to become more water efficient and irrigated non-native turf parcels represent a prime opportunity to use our water resources more efficiently. We fully support the efforts of WRA and the Project Team to help Colorado communities identify ways to pilot and scale turf replacement projects. We see immense value in this and

Greeley is looking forward to how it will help us understand and implement best practices when it comes to replacing unused turf in our community.

Sincerely,



Sean Chambers
Director of Water & Sewer
City of Greeley
Sean.chambers@greeleygov.com
970-350-9815



PUBLIC WORKS: WATER RESOURCES

4395 W. 144th Ave. • Broomfield, CO 80023 • 303.464.5600 • www.Broomfield.org/Water

November 20th, 2020

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

Re: Letter of Support for Western Resource Advocates' Colorado Water Plan Grant - 2020

Dear Kevin,

The City and County of Broomfield is pleased to provide a letter of support for Western Resource Advocates' (WRA) Colorado Water Conservation Board Water Plan Grant application for their project, "Finance Mechanisms for the Replacement of Large Scale Non-Essential Turf".

Broomfield supports WRA's efforts to help communities overcome financing and other barriers to large-scale turf removal projects in Colorado. We believe the project will help develop valuable statewide resources, as well as tailor community-specific aspects of the project to the needs of the partner communities they will work with. WRA possesses the professional and technical expertise to accomplish their objectives. Further, they have pulled together a strong Project Team with the appropriate skill-sets and expertise to successfully complete the overall project.

As described throughout Colorado's Water Plan, there is a strong need for growing communities to become more water efficient. Broomfield is committed to water efficiency and recognizes irrigated non-native turf parcels represent a prime opportunity to use our water resources more efficiently. Additionally, Broomfield's City Council has identified water as a foundational priority and encourages projects that promote water conservation and an ethos of sustainable water use throughout the community. For these reasons we fully support the efforts of WRA and the Project Team to help Colorado communities identify ways to pilot and scale turf replacement projects. We see immense value in this and the City and County of Broomfield is looking forward to how it will help us understand and implement best practices when it comes to replacing unused turf in our community.

Sincerely,

A handwritten signature in black ink that reads "Erin Messner".

Erin Messner
Water Resources Manager



Water Conservation
15151 E. Alameda Parkway, Ste. 3228
Aurora, Colorado 80012
303.739.7195

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11/17/20

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

Re: Letter of Support for Western Resource Advocates' Colorado Water Plan Grant - 2020

Dear Kevin,

Aurora Water is pleased to provide a letter of support for Western Resource Advocates' (WRA) Colorado Water Conservation Board Water Plan Grant application for their project, "Finance Mechanisms for the Replacement of Large Scale Non-Essential Turf". We fully support WRA's efforts to help communities overcome financing and other barriers to large-scale turf removal projects in Colorado. The project will develop and disseminate valuable statewide resources. They will also tailor community-specific aspects of the project to the needs of the partner communities they will work with. WRA possess the professional and technical expertise to accomplish their objectives. Further, they have pulled together a strong Project Team with the appropriate skill-sets and expertise to successfully complete the overall project.

WRA is a recognized leader in water sustainability projects and resources in Colorado and we have appreciated their work in the state water plan, water-energy nexus and integrating water and land use planning.

As described throughout Colorado's Water Plan, there is a strong need for growing communities to become more water efficient and irrigated non-native turf parcels represent a prime opportunity to use our water resources more efficiently. We fully support the efforts of WRA and the Project Team to help Colorado communities identify ways to pilot and scale turf replacement projects. We see immense value in this and Aurora Water is looking forward to how it will help us understand and implement best practices when it comes to replacing unused turf in our community.

Sincerely,

Tim York
Water Conservation Supervisor
Aurora Water