



Last Update: September 18, 2020

Colorado Water Conservation Board

Water Supply Reserve Fund Grant Application

Instructions

All WSRF grant applications shall conform to the current [2020 WSRF Criteria and Guidelines](#).

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.

If you have questions, please contact the WSRF Grant Program Manager (for all Roundtables) or your Roundtable Liaison:

Ben Wade
ben.wade@state.co.us
303-866-3441 x3238 (office)

Sam Stein
Sam.stein@state.co.us
303-866-3441 (office)

WSRF Submittal Checklist (Required)

- YES ☐ NO ☐ This request was recommended for CWCB approval by the sponsoring roundtable.
- YES ☐ NO ☐ I have read and understand the [2020 WSRF Criteria and Guidelines](#).
- YES ☐ NO ☐ Grantee will be able to contract with CWCB using the [Standard Contract](#).¹

Application Documents included:

- YES ☐ NO ☐ Exhibit A: Statement of Work² (*Word – see Template*)
- YES ☐ NO ☐ Exhibit B: Budget & Schedule² (*Excel Spreadsheet – see Template*)
- YES ☐ NO ☐ Letters of Matching and/or Pending 3rd Party Commitments²
- YES ☐ NO ☐ Map²
- YES ☐ NO ☐ Photos/Drawings/Reports
- YES ☐ NO ☐ Letters of Support

Contracting Documents³

- YES ☐ NO ☐ Detailed/Itemized Budget³ (*Excel Spreadsheet – see Template*)
- YES ☐ NO ☐ Certificate of Insurance⁴ (*General, Auto, & Workers' Comp.*)
- YES ☐ NO ☐ Certificate of Good Standing⁽⁴⁾
- YES ☐ NO ☐ W-9 Form⁴
- YES ☐ NO ☐ Independent Contractor Form⁴ (*If applicant is individual, not company/organization*)
- YES ☐ NO ☐ Electronic Funds Transfer (ETF) Form⁴

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

²Required with application if applicable.

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

⁴Required 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	Pikes Peak Regional Water Authority	
Name of Water Activity	Regional Reuse Study	
Approving Roundtable(s)		Basin Account Request(s) ¹
Arkansas Basin Roundtable		\$7,500
Metro Roundtable		\$7,500
Basin Account Request Subtotal		\$15,000
Basin Account Request Subtotal Approved by Roundtable		\$
Statewide Account Request ⁽¹⁾		\$38,000
Total WSRF Funds Requested (Basin & Statewide)		\$53,000
Total Project Costs		\$133,000 (not to exceed)

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

Grantee and Applicant Information	
Name of Grantee(s)	Pikes Peak Regional Water Authority
Mailing Address	231 Security Blvd. Colorado Springs, CO 80911
FEIN	84-1428849



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Grantee and Applicant Information	
Grantee's Organization Contact¹	Roy Heald
Position/Title	Treasurer
Email	r.heald@securitywsd.com
Phone	719-392-3475
Grant Management Contact²	Rebecca Hardekopf
Position/Title	Contract Invoicing
Email	rebecca.h@wsdistricts.com
Phone	719-447-1777 x 103
Name of Applicant (if different than grantee)	Pikes Peak Regional Water Authority
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>The Pikes Peak Regional Water Authority (PPRWA) is an organization of more than a dozen public water suppliers and was formed by members to share information and to work jointly to address common issues concerning water supply. The PPRWA is located in El Paso County and is made up of Title 32 special districts as well as municipalities. PPRWA members are primarily located in the Arkansas Basin, with limited extension into the South Platte Basin.</p>	
Type of Eligible Entity (check one)	
X	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.
X	Public (Districts): authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises
	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.



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Type of Eligible Entity (check one)	
<input checked="" type="checkbox"/>	Non-governmental organizations: broadly, any organization that is not part of the government
<input type="checkbox"/>	Covered Entity: as defined in Section 37-60-126 Colorado Revised Statutes

Type of Water Activity (check one)	
<input checked="" type="checkbox"/>	Study
<input type="checkbox"/>	Implementation

Category of Water Activity (check all that apply)		
<input type="checkbox"/>	Nonconsumptive (Environmental)	
<input type="checkbox"/>	Nonconsumptive (Recreational)	
<input type="checkbox"/>	Agricultural	
<input checked="" type="checkbox"/>	Municipal/Industrial	
<input type="checkbox"/>	Needs Assessment	
<input type="checkbox"/>	Education & Outreach	
<input checked="" type="checkbox"/>	Other	Explain: Reuse recapture and storage

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/Counties	El Paso County
Latitude	38.812764
Longitude	-104.810679

Water Activity Overview
<p>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.</p> <p>The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, and Schedule.</p>



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Water Activity Overview
<p>The objective of the Regional Reuse Study is to identify key conveyance, storage and delivery infrastructure and management concepts and provide cost estimates for, regional reuse projects that could maximize the use and reuse of reusable water supplies within El Paso County.</p> <p>The Study will provide technical analysis and planning support for various options to recapture, store, and deliver fully-reusable return flows in the Fountain and Monument Creek basins. Participants include entities within El Paso County that utilize unsustainable Denver Basin groundwater as well as entities with other groundwater issues. In addition, the analysis shall incorporate values to consider multiple-use storage needs within El Paso County.</p> <p>The Study will develop minimum operational criteria, to include storage volume, conveyance capacity in and out for peak and non-peak times, ability to connect to existing infrastructure, and identification of potential treatment requirements. Quantitative and qualitative value sets will be used to identify top performing concepts, which will then undergo a more detailed feasibility analysis.</p>

Measurable Results		
To catalog measurable results achieved with WSRF funds please provide any of the following values.		
	New Storage Created (acre-feet)	
	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)	
	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: Identify the top performing projects that will maximize the efficient collection and storage of reusable water supplies in El Paso County.

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, Section 9.4, pp. 9-43 to 9-44;) (Also listed pp. 4-5 in 2020 WSRF Criteria and Guidelines).</p>



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Water Activity Justification

Encouraging a regional reuse program aids the development of a cost-effective, efficient system that will maximize the efficient recapture and use of reusable return flows for an increased number of regional water suppliers. The full re-use of reusable water supplies will help to meet the anticipated water supply gap in El Paso County. In addition, it is anticipated that storage will be a key component of a reuse project and be sized to provide multiple benefits for El Paso County water users.

Maximizing the reuse of reusable water supplies helps to meet the identified El Paso County municipal water gap as well as create reuse mechanisms that will ensure that any additional water supplies brought to El Paso County to limit the dependence on Denver Basin Groundwater are fully used and reused.

Colorado's Water Plan: Section 6.3.2 specifically focuses on reuse. The state identifies the continued support of reuse in the state water planning process as a no-and-low regret action.

Arkansas Roundtable: The Arkansas BIP has identified supporting regional infrastructure development for cost-effective solutions to local water supply gaps and reducing or eliminating Denver Basins groundwater dependence for municipal users as goals. (*Colorado State Water Plan p 6-79*) The Regional Reuse Study would be the first step to help accomplish these goals by identifying projects that would be most effective at capturing, storing, and reusing water within El Paso County. Near term benefits would include maximizing the use and reuse of Denver Basin Groundwater, and as regional water providers transitioned away from Denver Basin Groundwater, a reuse system would already be in place for the most efficient use and reuse of new water supplies.

Metro Roundtable: South Platte BIP has a goal to continue the South Platte River Basin's leadership in wise water use, including MO#3 – "Enhance current levels of municipal water reuse ..."

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 3rd 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)



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Matching Requirements: Basin Account Requests	
Total Match	
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	

Matching Requirements: Statewide Account Requests	
<p>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.</p>	
Contributing Entity	Amount and Form of Match (note cash or in-kind):
<i>Arkansas Basin and Metro Roundtable Basin Funds</i>	\$15,000
Woodmoor Water and Sanitation District	\$10,000 cash
Triview Metropolitan District	\$10,000 cash
Town of Monument	\$10,000 cash
Forest Lakes Metropolitan District	\$10,000 cash
Cherokee Metropolitan District	\$10,000 cash
Donala Water and Sanitation District	\$10,000 cash
Security Water District	\$10,000 cash
Colorado Springs Utilities	\$10,000 cash
Total Match	\$95,000
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	



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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.
Both PPRWA and Colorado Springs Utilities have completed numerous studies that have provided information about regional water needs, potential infrastructure projects, quantifying the potential water needs gap in El Paso County, and reuse; however, no study has looked holistically at potential regional reuse projects that collect, store, and deliver the most reusable water supplies possible. Please see Exhibit C for a list of studies being considered as part of the Regional Reuse Study effort.

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>The following were all awarded to PPRWA:</p> <p>2011 - WSRF - "Rotating Agricultural Fallowing Public Policy Work Group" for \$20,000 (OE PDA 12IBC-15)</p> <p>2011 - WSRF - "Basin Roundtable Project Exploration Committee: Flaming Gorge" for \$250,000 (OE PDA 13IBC-01)</p> <p>2013 - WSRF - "Regional Water Infrastructure Feasibility Study" for \$75,000 (POGG1 2015-86)</p> <p>2013 - WSRF - Arkansas Basin Implementation Plan" for \$127,455 (C150545)</p> <p>2014 - WSRF - "Arkansas Basin Implementation Plan – Section 4.3: Conservation" for \$10,000</p> <p>2015 - WSRF - "Preliminary Engineering Report Area 3: Regional Water Supply Infrastructure in the Arkansas River Basin" for \$126,000 (CTGG1 2015-3445)</p> <p>CO Water Plan Grants:</p> <p>2018 - "El Paso County Groundwater Depletions: Project Implementation Strategies to Meet the Supply & Demand Gap" for \$112,500 (CTGG1 2019-2279)</p>

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.



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The Authority is not aware of any relevant TABOR issues that would limit the amount of grant money it could receive.

Arkansas Basin Roundtable

May 12, 2021

Via Electronic Mail: ben.wade@state.co.us

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

Re: Water Supply Reserve Fund Grant Application: Pikes Peak Regional Reuse Study

Dear Ben:

At its May 12, 2021 meeting, the Arkansas Basin Roundtable (ABRT) approved support of the Pikes Peak Regional Water Users Regional Reuse Study request for \$7,500 from the Arkansas Basin account and an additional \$38,000 from the Statewide account. The applicant is providing \$80,000 in matching funds and has requested \$7,500 from the Metro Basin Roundtable account.

This project supports the goals of the Colorado Water Plan and the Arkansas Basin Roundtable Implementation plan by maximizing utilization of existing municipal water supplies through studying storage and reuse of return flows within the Monument and Fountain Creek drainages. When implemented, this project will lessen reliance of participants on non-renewable Denver Basin wells through regional collaboration.

The Arkansas Basin Roundtable approved supporting this application by consensus and there were no dissenting views.

Should you have any questions or concerns, please feel free to contact me either by telephone, (719) 668-8028

/s/ Mark Shea

Mark Shea
Chair

Copy via email: Applicant; Needs Assessment Chair

Metro Basin Roundtable

May 19, 2021

Via Electronic Mail: ben.wade@state.co.us

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

Re: Water Supply Reserve Fund Grant Application: Pikes Peak Regional Reuse Study

Dear Ben:

At its May 13, 2021 meeting, the Metro Basin Roundtable (MBRT) voted unanimously to support of the Pikes Peak Regional Water Users Regional Reuse Study request for \$7,500 from the Metro Basin WSRF account and an additional \$38,000 from the Statewide account. The applicant is providing \$80,000 in matching funds and has requested \$7,500 from the Arkansas Basin Roundtable account.

This project supports the goals of the Colorado Water Plan and the Metro Basin Roundtable Implementation plan by maximizing utilization of existing municipal water supplies through studying storage and reuse of return flows within the Monument and Fountain Creek drainages. When implemented, this project will lessen reliance of participants on non-renewable Denver Basin wells through regional collaboration.

The Metro Basin Roundtable approved supporting this application by consensus and there were no dissenting views.

Should you have any questions or concerns, please feel free to contact me either by telephone,



Barbara Biggs
Chair

Copy via email: Applicant; WSRF Committee Chair