

**Water Supply Reserve Account – Grant and Loan Program**  
**Water Activity Summary Sheet**  
March 21-22, 2018  
**Agenda Item 25(m)**

**Applicant:** Town of Walsh

**Water Activity Name:** Municipal Water Well Feasibility and Evaluation

**Water Activity Purpose:** Study – Municipal/Industrial

**County:** Baca County

**Drainage Basin:** Arkansas

**Water Source:** Ogallala Aquifer

**Amount Requested/Source of Funds:** \$1,000 Arkansas River Basin Account  
\$6,500 Statewide Account  
\$7,500 Total Grant Request

**Matching Funds:** Basin Account Match (\$1,000) = 15.3% of Statewide Account request (meets 10% min);  
Applicant's Cash Match (\$2,500) = 38.4% of Statewide Account request (meets 10% min);  
Total Match (Basin & Applicant Match of \$7,500 = 115.3% of Statewide Account request (meets 50% min).  
(refer to *Funding Summary/Matching Funds* section)

<b>Staff Recommendation:</b>
Staff recommends approval of up to \$1,000 from the Arkansas River Basin Account and \$6,500 from the Statewide Account to help fund the study titled: Municipal Water Well Feasibility and Evaluation

**Water Activity Summary:** If funded, the objectives of this proposed project are:

- To evaluate the viability of the single municipal water supply well and to evaluate the potential of other wells in the vicinity as alternative or supplemental sources.
- Refurbish and test pump the "School Well" within the Town's city limits as a municipal supply well.
- Begin data collection to understand the impact of groundwater depletions to the Ogallala aquifer in Baca County, Colorado and the Southern High Plains Groundwater Management District.

Over the past year, the Town of Walsh has been relying on a single well for their municipal water supply. The water level in the well has dropped precipitously, increasing the challenge of providing safe, reliable water supplies to the Town and has created service challenges for the utility. This grant, if approved, will allow the Town to engage a third-party vendor to evaluate the condition of the current well, and evaluate nearby irrigation wells that could potentially be converted for municipal use.

The Town of Walsh solicited two engineering proposals for video evaluation of wells and possible refurbishment of the active well. Tests will be performed at the wells to determine aquifer capacity & drawdown. Data gathered from the well inspections & tests will be sent to the US Geological Survey to establish the base line for an Ogallala Aquifer study.

**Discussion:** This project is consistent with goals set forth in the Colorado Water Plan Objective A, Supply-Demand Gap: *“Use a grassroots approach to formulate projects and methods that avoid some of the undesirable outcomes of the supply-demand gaps”*. This project also meets objectives in the Arkansas Basin Implementation Plan.

**Issues/Additional Needs:** None.

**Eligibility Requirements:** The application meets requirements of all eligibility components: General Eligibility, Entity Eligibility, Water Activity Eligibility, and Eligibility Based on Match Requirements.

**Evaluation Criteria:** This activity has undergone review and staff has determined it satisfies the Evaluation Criteria outlined in Colorado’s Water Plan, Section 9.4. Please refer to Basin Roundtable Chair’s Recommendation Letter and the Application for a detailed response.

**Funding Summary/Matching Funds:**

<b><u>Funding Source</u></b>	<b><u>Cash</u></b>	<b><u>In-kind</u></b>	<b><u>Total</u></b>
Town of Walsh Water Enterprise	\$2,500	\$0	\$2,500
WSRF Arkansas Basin Account	\$1,000	n/a	\$1,000
WSRF Statewide Account	\$7,500	n/a	\$7,500
<b>Total Project Costs</b>	<b>\$11,000</b>	<b>\$0</b>	<b>\$11,000</b>

**CWCB Project Manager:** Ben Wade

# Arkansas Basin Roundtable

January 10, 2018

Via Electronic Mail: [ben.wade@state.co.us](mailto: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: Town of Walsh Well Feasibility and Evaluation

Dear Ben:

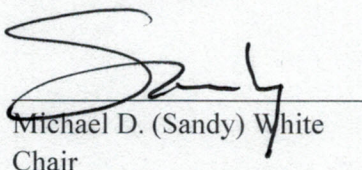
At its January 10, 2018 meeting, the Arkansas Basin Roundtable (ABRT) approved the Town of Walsh Well Feasibility and Evaluation project grant application for \$1,000 in Basin Funds and \$6,500 in Statewide Funds. The applicant is providing \$2,500 in matching funds. There were no dissenting opinions expressed in the consensus decision. Regarding the Colorado Water Plan, this project directly supports Objective A., Supply-Demand Gap: *Use a grassroots approach to formulate projects and methods that avoid some of the undesirable outcomes of the supply-demand gaps.*

As related to Arkansas Roundtable member Baca County Commissioner Pete Dawson from an email he received from the Town of Walsh, *"Pete: As you know Walsh is down to one well. We had to install a new pump and motor this summer as the old one wore out. The well is now producing 350 gpm down from approximately 600 gpm a few years ago. When pumping the water level is at 190 feet. Total well depth is 210. Of course, water restrictions are in place. There is no backup water source at the present time. We consider our water situation extremely serious."*

In addition to evaluating two alternative wells in close proximity, the Town's Scope of Work for the WSRF grant includes collaboration with the US Geologic Survey to establish a well-depletion for the Southern High Plains aquifer. One of the measurable objectives in the Arkansas Basin Implementation Plan is to address groundwater depletions in the designated basins. Approval of this grant will further that objective.

Should you have any questions or concerns, please feel free to contact me either by telephone, 719-742-6164, or by email, [sandy@white-jankowski.com](mailto:sandy@white-jankowski.com).

With warm regards



Michael D. (Sandy) White  
Chair

Copy via email: Applicant; Mr. Ben Wade; ABRT Executive Committee





Last Update: August 3, 2017

## Colorado Water Conservation Board

### Water Supply Reserve Fund Grant Application

#### Instructions

All WSRF grant applications shall conform to the current [2016 WSRF Criteria and Guidelines](#).

To receive funding from the WSRF, a proposed water activity must be approved by a Roundtable(s) **AND** the Colorado Water Conservation Board (CWCB). The process for Roundtable consideration and recommendation is outlined in the 2016 WSRF Criteria and Guidelines. The CWCB meets bimonthly according to the schedule on page 2 of this application.

If you have questions, please contact the current CWCB staff Roundtable liaison:

#### Arkansas

Ben Wade  
[ben.wade@state.co.us](mailto:ben.wade@state.co.us)  
303-866-3441 x3238

#### Gunnison | North Platte | South Platte | Yampa/White

Craig Godbout  
[craig.godbout@state.co.us](mailto:craig.godbout@state.co.us)  
303-866-3441 x3210

#### Colorado | Metro | Rio Grande | Southwest

Megan Holcomb  
[megan.holcomb@state.co.us](mailto:megan.holcomb@state.co.us)  
303-866-3441 x3222

#### WSRF Submittal Checklist (Required)

X	I acknowledge this request for funding was recommended for CWCB approval by the sponsoring Basin Roundtable(s).
X	I acknowledge I have read and understand the <a href="#">2016 WSRF Criteria and Guidelines</a> .
X	I acknowledge the Grantee will be able to contract with CWCB using the <a href="#">Standard Contract</a> . <sup>(1)</sup>
Exhibit A	
X	<a href="#">Statement of Work</a> <sup>(2)</sup> (Word – see Exhibit A Template)
X	<a href="#">Budget &amp; Schedule</a> <sup>(2)</sup> (Excel Spreadsheet – see Exhibit A Template)
	Letters of Matching and/or Pending 3 <sup>rd</sup> Party Commitments <sup>(2)</sup>
Exhibit C	
X	Map <sup>(2)</sup>
	Photos/Drawings/Reports
	Letters of Support
X	Certificate of Insurance <sup>(3)</sup> (General, Auto, & Workers' Comp.)
Contracting Documents	
	Certificate of Good Standing <sup>(3)</sup>
X	W-9 <sup>(3)</sup>
	Independent Contractor Form <sup>(3)</sup> (If applicant is individual, not company/organization)
	Electronic Funds Transfer (ETF) Form <sup>(3)</sup>

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

(2) Required with application if applicable.

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



Last Update: August 3, 2017

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

Desired Timeline	
Desired CWCB Hearing Month:	March, 2018
Desired Notice to Proceed Date:	Earliest available

Water Activity Summary		
Name of Applicant	Town of Walsh	
Name of Water Activity	Municipal Water Well Feasibility and Evaluation	
Approving Roundtable(s)		Basin Account Request(s) <sup>(1)</sup>
Arkansas		
Basin Account Request Subtotal		\$1,000.00
Statewide Account Request <sup>(1)</sup>		\$6,500.00
Total WSRF Funds Requested (Basin & Statewide)		\$7,500.00
Total Project Costs		\$ 10,000.00

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

## Grantee and Applicant Information



Last Update: August 3, 2017

Grantee and Applicant Information	
Name of Grantee(s)	Town of Walsh Water Enterprise
Mailing Address	PO Box 280 Walsh CO 81090
FEIN	84-6000628
Grantee's Organization Contact <sup>(1)</sup>	Don Lohrey
Position/Title	Utility Manager
Email	donlohrey@centurytel.net
Phone	719-324-5411
Grant Management Contact <sup>(2)</sup>	Donna Packard Dawson
Position/Title	Town Clerk
Email	townofwalsh@gmail.com
Phone	719-324-5411
Name of Applicant (if different than grantee)	
Mailing Address	PO Box 280 Walsh CO 81090
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 Town of Walsh is a Statutory Town located in eastern Baca County, Colorado along U.S. Highway 160. The population was 546 at the 2010 Census. The Town of Walsh provides water, sewer and trash service for its residents. Water and trash service may also be available to users who live in close proximity to Walsh.</p> <p>The Town has an Enterprise Fund for water revenue and operations. Over the past year, due to normal wear and tear along with limited funding, the Town finds itself with a single municipal supply well. At the same time, the water level in the well has dropped precipitously, increasing the challenge of providing safe, reliable water supplies to the Town.</p>



Last Update: August 3, 2017

Type of Eligible Entity (check one)	
X	<b>Public (Government):</b> 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.
	<b>Public (Districts):</b> authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises
	<b>Private Incorporated:</b> mutual ditch companies, homeowners associations, corporations
	<b>Private Individuals, Partnerships, and Sole Proprietors:</b> are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
	<b>Non-governmental organizations:</b> broadly, any organization that is not part of the government
	<b>Covered Entity:</b> as defined in <a href="#">Section 37-60-126 Colorado Revised Statutes</a>

Type of Water Activity (check one)	
X	Study
X	Implementation

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

Location of Water Activity	
Please provide the general county and coordinates of the proposed activity below in <b>decimal degrees</b> . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Counties	Baca
Latitude	37 23' 16" N
Longitude	102 15' 44" W



Last Update: August 3, 2017

### 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. The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, and Schedule.

#### Town of Walsh Municipal Water Supply Alternatives Study

The Water Activity has two purposes: 1. To evaluate the viability of the single municipal water supply well and to evaluate the potential of other wells in the vicinity as alternative or supplemental sources, and; 2) To begin the data collection phase for understanding the impact of groundwater depletions to the Ogallala aquifer in Baca County, Colorado and the Southern High Plains Groundwater Management District.

A decline in population coupled with a decline in available water in the Town's single municipal supply well has created service challenges for the utility. This grant, if approved, will allow the Town to engage a third-party vendor to evaluate the condition of the current well, and evaluate nearby irrigation wells that could possibly be converted for municipal use. The Town of Walsh solicited two engineering proposals for video evaluation of wells and possible refurbishment of the active well. Both proposals offered to pursue federal grant programs familiar to the vendors in addition to the evaluation activities.

Understanding the consequences of groundwater depletions is an identified measurable objective of the Arkansas Basin Implementation Plan.

### Measurable Results

To catalog measurable results achieved with WSRF funds please provide any of the following values.

	New Storage Created (acre-feet)	
Up to 100 AF/Year	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	
X	Other	Explain: Base line data on water availability in the Ogallala aquifer





Last Update: August 3, 2017

### Water Activity Justification

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](#) <sup>(1)</sup>. 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).

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 [2016 WSRF Criteria and Guidelines](#)).

With respect to the Arkansas Basin Implementation Plan, addressing groundwater depletions and the impact to both municipal and agricultural uses of water is an identified objective. To that end, studies have been completed or are underway in two of the three designated basins within the Arkansas Basin, namely Upper Black Squirrel and Upper Big Sandy designated basins. The Ogallala aquifer in the southeastern most portion of the Arkansas basin has not been study. One rationale for starting with the Town of Walsh municipal well is to establish active wells that have experienced significant decline that affects the health and well being of the residents. See description below from the Town of Walsh utility manager in an email to a Baca County Commissioner.

**Pete: As you know Walsh is down to one well. We had to install a new pump and motor this summer as the old one wore out. The well is now producing 350gpm down from approximately 600 a few years ago. When pumping the water lever is at 190 feet. Total well depth is 210. Of course water restrictions are in place. There is no backup water source at the present time. We consider our water situation extremely serious.**

**In our search for another well we have found a local businessman who will donate an old well on his property close to the town. As of this time we are unable to determine if this is a viable source of water. To adequately test this well we would need to pull out the old pump, check the well casing with a camera to look for splits or holes in the casing, and if there are no problems install a new pump and test. We checked the static water level before testing and found it to be at 212 feet. We know there is water there but little else.**

**Recently another person has offered a well on his property close to town, but the situation is the same. (old abandoned well) As you know Pete testing these wells can be expensive, depending on the situation with each well tested. Town monies for testing are very limited. We are looking for grants or at least cost-sharing to help us address our immediate critical water problems. Any questions please call.**

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



Last Update: August 3, 2017

Matching Requirements: Basin Account Requests	
<b>Basin (only) Account</b> grant requests require a 25% match (cash and/or in-kind) from the Applicant or 3 <sup>rd</sup> party and shall be accompanied by a <b>letter of commitment</b> as described in the 2016 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)
Town of Walsh Water Enterprise	\$2,500.00 cash
Total Match	\$ 2,500.00 cash
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	

Matching Requirements: Statewide Account Requests	
<b>Statewide Account</b> grant requests require a 50% match as described in the 2016 WSRF Criteria and Guidelines. A minimum of 10% match shall be from Basin Account funds (cash only). A minimum of 10% match shall be provided by the applicant or 3 <sup>rd</sup> party (cash, in-kind, or combination). The remaining 30% of the required match may be provided from any other source (Basin, applicant, or 3 <sup>rd</sup> party) and shall be accompanied by a <b>letter of commitment</b> . Attach additional sheet if necessary.	
Contributing Entity	Amount and Form of Match (note cash or in-kind):
Arkansas Basin Roundtable Basin Account	\$1,000.00
Town of Walsh	\$2,500.00
Total Match	\$ 3,500.00 (54% match)
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	



Last Update: August 3, 2017

### 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.

The Baca County Commissioners are attempting to pursue an initial base line study of the Ogallala aquifer system and its interface with Ogallala depletions in western Kansas and the Oklahoma Panhandle. To that end, the USGS Water Science Center in Pueblo, Colorado has provided an preliminary scope of work and the potential for federal matching funds in FY 18 and perhaps FY 19.

### 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

None

### 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.

The Water Enterprise is not restricted by TABOR limitations.

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Pan



Zoom In



Zoom Out



Initial View



Full Extent



Previous Extent



Next Extent



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Navigation

## Quick Tools

Final Permit ▾

◀ 2 of 2 ▶

## Final Permit 19203-FP

Permit = 19203-FP

WDID =

Claimant = WALSH TOWN  
OF

Status = Final Permit

Completed

Date Issued = 04/29/2011

[View Additional Details](#)[Edit Feature](#)

3915 ft

Walsh



Topography

UTM Zone 13 NAD83 ▲

X: 739,092.93734  
Y: 4,141,098.50188

3km

2mi