

**Water Supply Reserve Fund  
Water Activity Summary Sheet  
March 21-22, 2018  
Agenda Item 25(bb)**

**Applicant & Grantee:** Town of Ignacio  
**Water Activity Name:** Ignacio Irrigation Utility Improvements Project  
**Water Activity Purpose:** Agricultural Implementation  
**County:** La Plata  
**Drainage Basin:** Los Pinos  
**Water Source:** Los Pinos River  
**Amount Requested:** \$48,750 Southwest Basin Account  
**Matching Funds:** Applicant Match (cash & in-kind) = \$81,250

- 166% of the Basin Account request (meets 25% min)
- 63% of the total project cost of \$130,000

<b>Staff Recommendation:</b>
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Staff recommends approval of up to \$48,750 from the Southwest Basin Account to help fund the project titled: Ignacio Irrigation Utility Improvements Project.
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**Water Activity Summary:** WSRF grant funds, if approved, will help the Town of Ignacio complete improvements to the irrigation utility distribution piping and storage pond. A water model study is currently underway and studying distribution piping and storage pond improvements; distribution piping improvements will focus on improved system pressurization, control and looping and storage improvements will focus on pond expansion, lining and inlet/outlet piping, and completion of this work will improve overall water delivery to customers and enhance and enlarge storage. Currently, the Irrigation Utility serves approximately 250 customers with irrigation water supplied via water rights that originate from the Los Pinos River (Town Rights: 0.3 cfs absolute, 0.25 cfs conditional, and 128 BIA Goodnight Ditch shares) and conveyed to a small storage pond.

These improvements will also aide in providing future service when growth occurs within Ignacio. Utilization of irrigation water reduces the use of potable water for typical residential watering needs for lawns and gardens. Objectives include the following:

1. Improve water delivery to some customers who currently have minimum operating pressure due to low-head pressure caused by customer proximity to the storage pond.
2. Improve distribution piping with the addition of control valving for better system isolation and looping.
3. Improve and expand the current storage facilities resulting in less system water lose and expanded capacity for future growth and use.
4. Improve the use of irrigation water throughout the utility service area resulting in the reduced use of potable water for lawn, garden and landscaping water needs.

**Discussion:** As described in the Southwest Basin Roundtable (SWBRT) chair's recommendation letter, this project was supported and recommended for approval by the roundtable on January 11,

2018. The project builds on SWBRT IPP #7-LP: *Infrastructure improvements, expansions and enlargements to distribution systems and storage facilities*. What is unique about the proposal is that Ignacio is expanding their capacity to serve lot irrigators with untreated water. This approach will push the need for very expensive treatment plant expansion into the future.

This project also assists in satisfying Colorado's Water Plan Critical Goals and Actions as identified in *Chapter 10.3, A. Water Supply-Demand Gap* and *B. Conservation* by addressing municipal demand management. Watershed management and instream flows are major factors that affect Ignacio, and this water activity has been dependent on proper oversight of both of these key water issues. The Statewide Water Supply Initiative and specifically the ongoing update further look into watershed management and instream flows relative to specific Basin Implementation Plans. The SWBRT has explicitly identified this Ignacio Water Activity (IPP ID 7-LP), and is in the process of updating the IPP relative to the current and proposed utility objectives.

**Issues/Additional Needs:** No 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 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 Ignacio - Irrigation Utility Fund	\$32,500	\$0	\$32,500
Southwest Water Conservation District	\$48,750	n/a	\$48,750
<b>Subtotal</b>	<b>\$81,250</b>	<b>\$0</b>	<b>\$81,250</b>
WSRF Southwest Basin Account	\$48,750	n/a	\$48,750
<b>Totals</b>	<b>\$130,000</b>	<b>\$0</b>	<b>\$130,000</b>

**CWCB Project Manager:** Megan Holcomb

**SOUTHWEST BASINS ROUNDTABLE**

**Michael Preston, Chair**  
**c/o Dolores Water Conservancy District**  
**P.O. Box 1150**  
**Cortez, Colorado 81321**  
**970-565-7562**

January 17, 2018

Megan Holcomb  
Water Supply Management Section  
Colorado Water Conservation Board  
1580 Logan Street, Suite 600  
Denver, Colorado 80203

SUBJECT: Town of Ignacio, Irrigation Improvements Project, \$48,750 from the Basin  
Fund Account

Dear Ms. Holcomb:

The Southwest Basin Roundtable approved funding of \$48,750 from the Basin Fund for the Town of Ignacio Irrigation Improvement Project. The application was considered in detail at the January 11, 2018 meeting of the Southwest Basin Roundtable. There was a quorum of Roundtable members present.

This project builds SWBRT IPP 7-LP: Infrastructure improvements, expansions and enlargements to distribution system, treatment facilities and storage facilities. What is unique about the proposed project is that Ignacio is expanding their capacity to serve lot irrigators with untreated water. This approach will push the need for very expensive treatment plant expansion into the future.

The completed Grant Application will be forwarded directly to you by the applicant. Please contact the applicant directly or me at 970-565-7562, [mpreston@frontier.net](mailto:mpreston@frontier.net), if you have questions or wish to discuss this application in more detail.

Sincerely,

A handwritten signature in blue ink, appearing to be 'Michael Preston', written over a faint circular stamp or logo.

Michael Preston  
Southwest Basin Roundtable Chair



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>
X	Photos/Drawings/Reports
	Letters of Support
	Certificate of Insurance <sup>(3)</sup> (General, Auto, & Workers' Comp.)
Contracting Documents	
	Certificate of Good Standing <sup>(3)</sup>
	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:	<i>March 2018</i>
Desired Notice to Proceed Date:	<i>April 2018</i>

Water Activity Summary		
Name of Applicant	<i>Town of Ignacio</i>	
Name of Water Activity	<i>Ignacio Irrigation Utility Improvements Project</i>	
Approving Roundtable(s)	Basin Account Request(s) <sup>(1)</sup>	
<i>Southwest Basin Roundtable</i>	<i>\$48,750</i>	
Basin Account Request Subtotal	<i>\$48,750</i>	
Statewide Account Request <sup>(1)</sup>	<i>\$0</i>	
Total WSRF Funds Requested (Basin & Statewide)	<i>\$48,750</i>	
Total Project Costs	<i>\$130,000</i>	

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



Last Update: August 3, 2017

Grantee and Applicant Information	
Name of Grantee(s)	<i>Town of Ignacio</i>
Mailing Address	<i>PO Box 459, Ignacio, CO 81137</i>
FEIN	<i>84-6006227</i>
Grantee's Organization Contact <sup>(1)</sup>	<i>Mark Garcia</i>
Position/Title	<i>Interim Town Manager</i>
Email	<a href="mailto:mgarcia@townofignacio.com">mgarcia@townofignacio.com</a>
Phone	<i>970-563-9494</i>
Grant Management Contact <sup>(2)</sup>	<i>Diana Briar</i>
Position/Title	<i>Treasurer</i>
Email	<a href="mailto:dbriar@townofignacio.com">dbriar@townofignacio.com</a>
Phone	<i>970-563-9494</i>
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><i>The Town of Ignacio is an incorporated municipality with an elected Town Board of Trustees and a full-time staff of 17 employees. The Town provides multiple utility services to customers in the incorporated town limits including water, sewer, natural gas and irrigation services. The Irrigation Utility provides irrigation water to approximately 250 customers who use water for landscaping, gardens and lawns. The Irrigation Utility was built in 1993, and has approximately 6.9 miles of underground pipe, and multiple control valves. Service flows are all gravitational. Irrigation operations are from May-September, and services and usage are not metered.</i></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)	
	Study
X	Implementation

Category of Water Activity (check all that apply)		
	Nonconsumptive (Environmental)	
	Nonconsumptive (Recreational)	
X	Agricultural	
	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	<i>La Plata</i>
Latitude	<i>37deg 07'29"N</i>
Longitude	<i>107deg38'36"W</i>



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.

*Currently, the Irrigation Utility serves approximately 250 customers with irrigation water supplied via water rights that originate from the Los Pinos River (Town Rights: .3 cfs absolute, .25 cfs conditional, and 128 BIA Goodnight Ditch shares) and conveyed to a small storage pond. The Town would like to complete improvements to the Irrigation Utility distribution piping and storage pond. A water model study is currently underway and studying distribution piping and storage pond improvements, which will result in an improvements plan that is scheduled to be complete in January. Distribution piping improvements will focus on improved system pressurization, control and looping. Storage improvements will focus on pond expansion, lining and inlet/outlet piping. Completion of this work will improve overall water delivery to customers and enhance and enlarge storage. A detailed statement of work is provided in Exhibit A. This grant request and a SWCD grant request for the same amount, combined with Utility reserves will be used to fund this project estimated at \$130,000. These improvements will also aide in providing future service when growth occurs within Ignacio. Utilization of irrigation water reduces the use of potable water on typical residential watering needs for lawns and gardens.*

### 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	
X (.4 acre-feet)	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	
	Other	Explain:





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](#)).

*Water is a precious resource for Colorado and the Colorado Water Plan (CWP) is critical for essential planning and management of this resource. The CWP has numerous chapters that address water issues in Colorado, and the key chapters that effect our water activity are relative to Supply, Demand and Management. Watershed management and instream flows are major factors that effect Ignacio, and this water activity has been dependent on proper oversight of both of these key water issues.*

*The Statewide Water Supply Initiative (SWSI) and specifically the ongoing update further look into watershed management and instream flow relative to specific Basin Implementation Plans. The Southwest Basin Roundtable has identified the Ignacio Water Activity (IPP ID 7-LP), and is in the process of updating the IPP relative to the current and proposed utility objectives. This IPP will be more definitive and achievable once this update is completed.*

*This project will greatly enhance our utility and contribute to the mission and goals detailed in the CWP, SWSI and Basin Implementation Plan.*

(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)
<i>Town of Ignacio - Irrigation Utility Fund</i>	<i>\$16,250 - cash</i>
Total Match	<i>\$16,250</i>
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):
Total 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.

*No related studies exist for this project.*

### 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

*No grants have been awarded to the applicant.*

### 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.

*No TABOR issues exist for the Town.*



**THE SOUTHWESTERN WATER CONSERVATION DISTRICT**

Developing and Conserving the Waters of the  
SAN JUAN AND DOLORES RIVERS AND THEIR TRIBUTARIES  
IN SOUTHWESTERN COLORADO

**West Building – 841 East Second Avenue  
DURANGO, COLORADO 81301  
(970) 247-1302**

January 25, 2018

Board of Directors  
Colorado Water Conservation Board  
1313 Sherman Street  
Denver, CO 80203

***Subject: Town of Ignacio WSRF Application***

Dear Board of Directors:

The Southwestern Water Conservation District offers financial assistance in the form of grants to “qualified entities” that are carrying out the statutory purpose of the District to protect, conserve, use and develop the water resources of the San Juan and Dolores River basins, as well as to safeguard all waters to which the state of Colorado is equitably entitled.

Previously funded work in southwestern Colorado has included ditch rehabilitation, water storage development and enhancement, water quality studies, collaborative water forums and workgroups, habitat restoration, and educational programs, to name a few.

The Town of Ignacio has submitted an application to the District for 2018 funding to support their irrigation utility improvement project in the amount of \$48,750. While the District board won’t consider the grant request for approval until February 14, 2018, staff has reviewed the application and found it meets all minimum requirements. The request is in line with the District’s statutory mission.

While at this time staff cannot guarantee the application will be approved in all, or in part, due to limits on available funds and the need for board review and approval, we thank the CWCB board for their review of this application and their ongoing collaboration in meeting water needs in southwestern Colorado.

Sincerely,

Bruce Whitehead  
Executive Director  
(970) 247-1302