



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

1313 Sherman Street
Denver, CO 80203

P (303) 866-3441

F (303) 866-4474

John Hickenlooper, Governor

Robert W. Randall, DNR - Executive Director

James Eklund, CWCB Director

TO: Colorado Water Conservation Board Members

FROM: Craig Godbout
Program Manager - Water Supply Reserve Fund Grant Program
Water Supply Planning Section

DATE: January 23-24, 2017

AGENDA ITEM: 11: WSRF Grant Requests

Staff Recommendation - Action Items: WSRF Grant Requests

A summary of staff's recommendation for each WSRF application is provided in the first component of the attached table. If applicable, the table also includes a breakdown of match amounts for applications that include a request for Statewide Account WSRF funds.

Favorable recommendations may be contingent on providing the CWCB with additional information, clarifications, or modifications in the scope of work. Please refer to the Water Activity Summary Sheets contained within this agenda item to find a summary of staff's review and any conditions associated with each recommendation.

Background:

For this agenda item the Board is provided with a brief overview of applications to the Water Supply Reserve Fund (WSRF). Attachments to this memo include:

- Summary spreadsheet detailing funding requests for the basin and statewide accounts;
- Summary spreadsheet displaying current WSRF Balance Summary of Fund Appropriations and Receipts by Fiscal Year, and Fund Distribution by Basin and Statewide Account.
- Water Activity Summary Sheets which provide an overview, discussion, issues/additional needs, and staff recommendation regarding funding, partial funding, or not funding the applications.

Staff's review of the applications involves the following steps:

- 1) Applications are reviewed for completeness based on the information requirements, which are primarily outlined in the Criteria and Guidelines (C&G).
- 2) Applications are reviewed to verify that the water activity meets the eligibility requirements in Section 39-29-108 (III) C.R.S. (C&G, Part 2) and the threshold criteria, which are based on the requirements of Section 39-29-108 (III) C.R.S., and two



sections of the Water for the 21st Century Act (House Bill 1177); Section 37-75-102 and Section 37-75-104(2)(c) (C&G, Part 3). Staff also verifies that the applicant was an eligible entity to receive funding (C&G, Part 2).

- 3) Staff then prepares the Water Activity Summary Sheet which documents the outcome of the review process and contains staff's recommendations.

Water Supply Reserve Fund Balance Summary and Project Status Report:

To provide the Board updates on the status of specific Water Supply Reserve Fund grant applications and projects, staff can provide a status report of the following information upon request:

- List of completed WSRF projects;
- List of WSRF projects in progress; and
- List of WSRF projects in the contracting and procurement process.



COLORADO WATER CONSERVATION BOARD
Water Supply Reserve Fund - Balance Summary
January 2017

1/10/2017

Fund Appropriation and Receipts				
Fiscal Year	Legislative Appropriation	Funds Received	Statewide Account	Basin Account
2006/2007	\$10,000,000	\$10,000,000	\$5,500,000	\$4,500,000
2007/2008	\$6,000,000	\$6,000,000	\$4,200,000	\$1,800,000
2008/2009	\$10,000,000	\$7,000,000	\$4,300,000	\$2,700,000
2009/2010	\$5,775,000	\$5,775,000	\$4,215,750	\$1,559,250
2010/2011	\$6,000,000	\$6,000,000	\$4,380,000	\$1,620,000
2011/2012	\$7,000,000	\$7,000,000	\$4,732,000	\$2,268,000
2012/2013	\$10,000,000	\$7,157,724	\$4,580,943	\$2,576,781
2013/2014	\$10,000,000	\$10,091,639	\$6,458,649	\$3,632,990
2014/2015	\$10,000,000	\$10,000,000	\$6,400,000	\$3,600,000
2015/2016	\$10,000,000	\$9,103,590	\$5,826,298	\$3,277,292
2016/2017	\$0	\$0	\$0	\$0
Interest	N/A	\$2,857,935	\$1,829,078	\$0
Prior Years Interest Adjustment			\$1,028,856	\$0
2014/2015 Interest	N/A	\$ 240,216	\$240,216	\$0
2015/2016 Interest	N/A	\$ 219,458	\$219,458	\$0
2016/2017 Interest	N/A	\$ 97,096	\$97,096	\$0
TOTAL	\$84,775,000	\$81,542,657	\$54,008,344	\$27,534,313

Interest diverted to SW per DNR reconciliation

Note: The WSRF is a Severance Tax "Tier II" program with 40% of funds distributed on July 1, 30% on January 1, and the final 30% on April 1.

In FY 2008/2009 the final 30% installment of \$3,000,000 was not received due to the State's budgetary shortfall.

In January 2012 interest for the program from its inception to date was credited directly to the Statewide Account.

Interest from January 2012 on is regularly calculated by the Treasury and credited to the Statewide Account.

Fund Distribution					
Basin	Approved Basin Grants	Total Basin Funds	Basin Account Balance	Approved State Grants	Statewide Account Balance
Arkansas	\$3,036,932	\$3,059,368	\$22,436	\$9,372,551	
Colorado	\$2,685,291	\$3,059,368	\$374,077	\$5,964,274	
Southwest *	\$2,734,563	\$3,059,368	\$324,805	\$7,259,911	
Gunnison *	\$2,614,514	\$3,059,368	\$444,854	\$4,619,681	
Metro	\$2,725,031	\$3,059,368	\$334,337	\$7,501,732	
North Platte	\$2,134,668	\$3,059,368	\$924,700	540,942	
Rio Grande	\$2,755,712	\$3,059,368	\$303,656	\$10,385,323	
South Platte *	\$2,635,562	\$3,059,368	\$423,806	\$7,061,094	
Yampa/White	\$2,240,419	\$3,059,368	\$818,949	\$731,747	
TOTAL	\$23,562,692	\$27,534,313	\$3,971,621	\$53,437,255	\$571,089*
TOTAL APPROVED GRANTS				\$76,999,947	

Note: Only includes grants approved by CWCB

* Balance includes October and November Interest

Water Supply Reserve Fund Applications for Consideration at the January 2017 CWCB Board Meeting												
Agenda Item	Basin	Applicant	Name of Water Activity	Basin(s) Account Request	Statewide Account Requests	Total Request	Cash Match	In-Kind Match	Total Match	Total Project or Study Costs	Staff Recommendations	PM
11	Southwest	Morrison Consolidated Ditch Company	McCrometer Automated Gauging Station with Satellite Telemetry	\$10,000	\$0	\$10,000	\$4,100	\$0	\$4,100	\$14,100	Staff recommends approval of up to \$10,000 from the Southwest Basin	Craig Godbout

<u>Basin</u>	<u>Basin Account Requests</u>	<u>Statewide Account Requests</u>	<u>Total Requests</u>	<u>Current Basin Account Balances</u>	<u>Remaining Basin Account Balances (if all requests approved)</u>	<u>Current Statewide Account Balance</u>	<u>Remaining Statewide Account Balance (if all requests approved)</u>
<u>Arkansas Basin</u>	\$0	\$0	\$0	\$22,436	\$22,436		
<u>Colorado Basin</u>	\$0	\$0	\$0	\$374,077	\$374,077		
<u>Gunnison Basin</u>	\$0	\$0	\$0	\$444,854	\$444,854		
<u>Metro Basin</u>	\$0	\$0	\$0	\$334,337	\$334,337		
<u>North Platte</u>	\$0	\$0	\$0	\$924,700	\$924,700	\$533,381	\$533,381
<u>Rio Grande</u>	\$0	\$0	\$0	\$303,656	\$303,656		
<u>Southwest</u>	\$10,000	\$0	\$10,000	\$324,805	\$314,805		
<u>South Platte</u>	\$0	\$0	\$0	\$423,806	\$423,806		
<u>Yampa/White/Green</u>	\$0	\$0	\$0	\$818,621	\$818,621		
<u>Water Supply Reserve Account Total Requests</u>	\$10,000	\$0	\$10,000	\$3,971,292	\$3,961,292		

Water Supply Reserve Fund – Grant and Loan Program
Water Activity Summary Sheet
January 23-24, 2017
Agenda Item 11

Applicant & Fiscal Agent: Morrison Consolidated Ditch Company

Water Activity Name: McCrometer Automated Gauging Station with Satellite Telemetry

Water Activity Purpose: Agricultural/Implementation

County: La Plata

Drainage Basin: Southwest

Water Source: Pine River

Amount Requested/Source of Funds: \$10,000 Southwest Basin Account

Matching Funds: Applicant Match: \$4,100 (cash) = 29% of the total project cost of \$14,100.
(refer to *Funding Summary/Matching Funds* section below)

Note: The application process for this grant began prior to the 2016 WSRF Criteria and Guidelines became effective, therefore the applicant is not subject to meeting a Basin Account matching requirement.

Staff Recommendation:
Staff recommends approval of up to \$10,000 from the Southwest Basin Account to help fund the project titled: McCrometer Automated Gauging Station with Satellite Telemetry.

Water Activity Summary: WSRF grant funds, if approved will assist in the installation of two automated gauging stations with wireless satellite telemetry that also include the associated housing and wells at two separate locations. There are no current gauging stations on any structure on the Morrison Ditch. The first location would be at the Morrison Ditch's diversion point on the Pine River. The second location is at measuring box, 31 miles down the ditch to where it becomes the Pine River Southwest Ditch Company. These wireless units will be used to monitor and regulate appropriate levels of irrigation water. This will ensure efficiency and save labor by allowing the Morrison Consolidated Ditch Company to monitor these locations remotely and adjust the flow of water only as needed and eliminate wasted expensive trips to check these locations.

Discussion: As described in the grant application, this project supports the Southwest Basin's Implementation Plan goal of "Meeting Agricultural Needs". The sub-goal is to "implement efficiency measures to maximize beneficial use and production" and supports the fourth measurable outcome of implementing "agricultural water efficiency projects as identified as IPP's". Along with being categorized as a goal of the Southwest BIP, this project meets the goal within Colorado's Water Plan, Chapter 10's Critical Agricultural Actions table, specifically meeting the needs of items #2, and #3.

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

Threshold and Evaluation Criteria: The application meets all four Threshold Criteria.

Tier 1-3 Evaluation Criteria: n/a

Funding Summary/Matching Funds:

<u>Funding Source</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
Morrison Consolidated Ditch Company	\$4,100	\$0	\$4,100
WSRA Southwest Basin Account	\$10,000	n/a	\$10,000
Total Project Costs	\$14,100	\$0	\$14,100

CWCB Project Manager: Craig Godbout

All products, data and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and will help promote the development of a common technical platform. In accordance with the revised WSRA Criteria and Guidelines, staff would like to highlight additional reporting and final deliverable requirements. The specific requirements are provided below.

Reporting: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe the completion or partial completion of the tasks identified in the scope of work including a description of any major issues that have occurred and any corrective action taken to address these issues.

Final Deliverable: At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.

Engineering: All engineering work (as defined in the Engineers Practice Act (§12-25-102(10) C.R.S.)) performed under this grant shall be performed by or under the responsible charge of professional engineer licensed by the State of Colorado to practice Engineering.

SOUTHWEST BASINS ROUNDTABLE

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

October 20, 2016

Mr. Craig Godbout
Water Supply Management Section
Colorado Water Conservation Board
1580 Logan Street, Suite 600
Denver, Colorado 80203

SUBJECT: Automated Gauging Station with Satellite Telemetry – Morrison Consolidated Ditch Company, \$10,000 from Basin Account

Dear Mr. Godbout:

The Southwest Basin Roundtable approved funding of \$10,000 from the Basin Account for the Automated Gauging Station with Satellite Telemetry submitted by the Morrison Consolidated Ditch Company. The application was considered in detail at the October 12, 2016 meeting of the Southwest Basin Roundtable. There was a quorum of Roundtable members present.

This Project is consistent with the Southwest Basin Implementation Plan Multi-Basin IPP #8 “Ditch Company Improvement and Efficiency Projects.” The project is also consistent with Goal and Measurable Outcome B2 under Agricultural Needs: “Implement efficiency measures to maximize beneficial use and production.”

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, if you have questions or wish to discuss this application in more detail.

Sincerely,



Michael Preston
Southwest Basin Roundtable Chair



COLORADO WATER CONSERVATION BOARD



WATER SUPPLY RESERVE ACCOUNT APPLICATION FORM

Today's Date: March 30, 2016

Mccrometer Automated Gauging Station with Satelite Telemetry

Name of Water Activity/Project

Morrison Consolidated Ditch Company

Name of Applicant

SW Roundtable

Amount from Statewide Account:

Amount from Basin Account(s):

\$10,000

Total WSRA Funds Requested:

Approving Basin Roundtable(s)

(If multiple basins specify amounts in parentheses.)

FEIN: 84-0272145

Application Content

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Required Exhibits

- A. Statement of Work, Budget, and Schedule
- B. Project Map
- C. As Needed (i.e. letters of support, photos, maps, etc.)

Appendices – Reference Material

- 1. Program Information
- 2. Insurance Requirements
- 3. WSRA Standard Contract Information (Required for Projects Over \$100,000)
- 4. W-9 Form (Required for All Projects Prior to Contracting)

Water Supply Reserve Account – Application Form

Revised October 2013

Instructions

To receive funding from the Water Supply Reserve Account (WSRA), a proposed water activity must be approved by the local Basin Roundtable **AND** the Colorado Water Conservation Board (CWCB). The process for Basin Roundtable consideration and approval is outlined in materials in Appendix 1.

Once approved by the local Basin Roundtable, the applicant should submit this application **with a detailed statement of work including budget and schedule as Exhibit A** to CWCB staff by the application deadline.

WSRA applications are due with the roundtable letter of support 60 calendar days prior to the bi-monthly Board meeting at which it will be considered. Board meetings are held in January, March, May, July, September, and November. Meeting details, including scheduled dates, agendas, etc. are posted on the CWCB website at: <http://cwcb.state.co.us> Applications to the WSRA Basin Account are considered at every board meeting, while applications to the WSRA Statewide Account are only considered at the March and September board meetings.

When completing this application, the applicant should refer to the WSRA Criteria and Guidelines available at: <http://cwcb.state.co.us/LoansGrants/water-supply-reserve-account-grants/Documents/WSRACriteriaGuidelines.pdf>. In addition, the applicant should also refer to the [Supplemental Scoring Matrix](#) applied to Evaluation Criteria Tiers 1-3 for Statewide Account requests .

The application, statement of work, budget, and schedule **must be submitted in electronic format** (Microsoft Word or text-enabled PDF are preferred) and can be emailed or mailed on a disk to:

Craig Godbout - WSRA Application
Colorado Water Conservation Board
1313 Sherman St., Room 721
Denver, CO 80203
Craig.godbout@state.co.us

If you have questions or need additional assistance, please contact Craig Godbout at: 303-866-3441 x3210 or craig.godbout@state.co.us.

Water Supply Reserve Account – Application Form

Revised October 2013

Part I. - Description of the Applicant (Project Sponsor or Owner);

1.	Applicant Name(s):	Morrison Consolidated Ditch Company		
	Mailing address:	7170 State Hwy 172 Ignacio, CO 81137		
	FEIN #:	84-0272145		
	Primary Contact:	Wayne Semler	Position/Title:	Board President
	Email:			
	Phone Numbers:	Cell: 970-749-1533	Office:	
	Alternate Contact:	Ralph Klusman	Position/Title:	Board Vice President
	Email:			
	Phone Numbers:	Cell: 970-553-9396	Office:	

2. Eligible entities for WSRA funds include the following. What type of entity is the Applicant?

- ☐ Public (Government) – municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities and the local entity should be the grant recipient. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.
- ☐ 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.
- ☐ Non-governmental organizations – broadly defined as any organization that is not part of the government.

Water Supply Reserve Account – Application Form

Revised October 2013

3. Provide a brief description of your organization

Formed in 1910, the Morrison Consolidated Ditch Company is a mutual irrigation ditch company responsible for delivering irrigation water to over 150 Shareholders. The Morrison Consolidated Ditch Company's Shareholders have 8210.90 Acres of Storage Water in Pine River Irrigation District. In 2014, the irrigation allotment was 2.024 per acre of PRID storage water. Water is diverted from the Pine River into the Morrison Ditch and the irrigation season runs from May1 to October1.

4. If the Contracting Entity is different then the Applicant (Project Sponsor or Owner) please describe the Contracting Entity here.

5. Successful applicants will have to execute a contract with the CWCB prior to beginning work on the portion of the project funded by the WSRA grant. In order to expedite the contracting process the CWCB has established a standard contract with provisions the applicant must adhere to. A link to this standard contract is included in Appendix 3. Please review this contract and check the appropriate box.

☒ The Applicant will be able to contract with the CWCB using the Standard Contract

☐ The Applicant has reviewed the standard contract and has some questions/issues/concerns. Please be aware that any deviation from the standard contract could result in a significant delay between grant approval and the funds being available.

6. 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 Morrison Consolidated Ditch Company does not fall under TABOR.

Water Supply Reserve Account – Application Form

Revised October 2013

Part II. - Description of the Water Activity/Project

1. What is the primary purpose of this grant application? (Please check only one)

☐ Nonconsumptive (Environmental or Recreational)

☒ Agricultural

☐ Municipal/Industrial

☐ Needs Assessment

☐ Education

☐ Other Explain:

2. If you feel this project addresses multiple purposes please explain.

In addition to measuring and maintaining flows, these wireless telemetry units will help with the Conservation of water during low usage and also help in maintaining a more accurate flow of water.

3. Is this project primarily a study or implementation of a water activity/project? (Please check only one)

☐ Study

☒ Implementation

4. To catalog measurable results achieved with WSRA funds can you provide any of the following numbers?

New Storage Created (acre-feet)

New Annual Water Supplies Developed, Consumptive or Nonconsumptive (acre-feet)

Existing Storage Preserved or Enhanced (acre-feet)

Length of Stream Restored or Protected (linear feet)

Length of Pipe/Canal Built or Improved (linear feet)

Efficiency Savings (acre-feet/year OR dollars/year – **circle one**)

Area of Restored or Preserved Habitat (acres)

Other -- Explain:

Water Supply Reserve Account – Application Form

Revised October 2013

4. To help us map WSRA projects please include a map (Exhibit B) and provide the general coordinates below:

Latitude:

1) 37 13' 17.83N
2) 37 07' 19.36N

Longitude:

1) 107 36' 17.13W
2) 107 40' 55.90W

5. Please provide an overview/summary of the proposed water activity (no more than one page). Include a description of the overall water activity and specifically what the WSRA funding will be used for. A full **Statement of Work** with a detailed budget and schedule is required as **Exhibit A** of this application.

The Morrison Consolidated Ditch Company is looking to install two automated gauging stations with wireless satellite telemetry that also include the associated housing and wells at two separate locations.

There are no current gauging stations on any structure in the Morrison Ditch. The first location would be at the Morrison Ditch's point of diversion on the Pine River. The second location is at the measuring box 31 miles down the ditch to where it becomes the Pine River Southwest Ditch Company. These wireless units will be used to monitor and regulate appropriate levels of irrigation water. This will ensure efficiency and save labor by allowing the Morrison Consolidated Ditch Company to monitor these locations remotely and adjust the flow of water only as needed and eliminate wasted, expensive trips to check these locations.

This project supports the Southwest Basin's Roundtable's Implementation Plan (BIP) goal of "Meeting Agricultural Needs." The sub-goal is to "implement efficiency measures to maximize beneficial use and production" and supports the fourth measurable outcome of implementing "agricultural water efficiency projects identified as IPP's." Our proposed project will allow the ditch Company to efficiently measure agricultural irrigation water levels and help conserve water when measurement levels are higher than needed.

Along with being categorized as a goal of the BIP, this project meets goals within the Colorado Water Plan. According to Chapter 10's Critical Agricultural Actions table, the project specifically meets items #2 and #3. By providing a more efficient means of measurement this project will "encourage ditch-wide...planning to explore system-wide conservation and efficiency opportunities and trade-offs..." "while utilizing "grants... support to update and improve Colorado's aging agricultural infrastructure..."

Water Supply Reserve Account – Application Form

Revised October 2013

Part III. – Threshold and Evaluation Criteria

1. Describe how the water activity meets these **Threshold Criteria**. (Detailed in Part 3 of the Water Supply Reserve Account Criteria and Guidelines.)
 - a) The water activity is consistent with Section 37-75-102 Colorado Revised Statutes.¹
Yes – This is only a change of management practice on an existing decreed water right.
 - b) The water activity underwent an evaluation and approval process and was approved by the Basin Roundtable (BRT) and the application includes a description of the results of the BRT's evaluation and approval of the activity. At a minimum, the description must include the level of agreement reached by the roundtable, including any minority opinion(s) if there was not general agreement for the activity. The description must also include reasons why general agreement was not reached (if it was not), including who opposed the activity and why they opposed it. Note- If this information is included in the letter from the roundtable chair simply reference that letter.

¹ 37-75-102. Water rights - protections. (1) It is the policy of the General Assembly that the current system of allocating water within Colorado shall not be superseded, abrogated, or otherwise impaired by this article. Nothing in this article shall be interpreted to repeal or in any manner amend the existing water rights adjudication system. The General Assembly affirms the state constitution's recognition of water rights as a private usufructuary property right, and this article is not intended to restrict the ability of the holder of a water right to use or to dispose of that water right in any manner permitted under Colorado law. (2) The General Assembly affirms the protections for contractual and property rights recognized by the contract and takings protections under the state constitution and related statutes. This article shall not be implemented in any way that would diminish, impair, or cause injury to any property or contractual right created by intergovernmental agreements, contracts, stipulations among parties to water cases, terms and conditions in water decrees, or any other similar document related to the allocation or use of water. This article shall not be construed to supersede, abrogate, or cause injury to vested water rights or decreed conditional water rights. The General Assembly affirms that this article does not impair, limit, or otherwise affect the rights of persons or entities to enter into agreements, contracts, or memoranda of understanding with other persons or entities relating to the appropriation, movement, or use of water under other provisions of law.

Water Supply Reserve Account – Application Form

Revised October 2013

- c) The water activity meets the provisions of Section 37-75-104(2), Colorado Revised Statutes.² The Basin Roundtable Chairs shall include in their approval letters for particular WSRA grant applications a description of how the water activity will assist in meeting the water supply needs identified in the basin roundtable's consumptive and/or non-consumptive needs assessments.
- d) Matching Requirement: For requests from the **Statewide Fund**, the applicants will be required to demonstrate a **25 percent** (or greater) match of the total grant request from the other sources, including by not limited to Basin Funds. A minimum match of 5% of the total grant amount shall be from Basin funds. A minimum match of 5% of the total grant amount must come from the applicant or 3rd party sources. Sources of matching funds include but are not limited to Basin Funds, in-kind services, funding from other sources, and/or direct cash match. Past expenditures directly related to the project may be considered as matching funds if the expenditures occurred within 9 months of the date the contract or purchase order between the applicant and the State of Colorado is executed. Please describe the source(s) of matching funds. (NOTE: These matching funds should also be reflected in your Detailed Budget in **Exhibit A** of this application)

² 37-75-104 (2)(c). Using data and information from the Statewide Water Supply Initiative and other appropriate sources and in cooperation with the on-going Statewide Water Supply Initiative, develop a basin-wide consumptive and nonconsumptive water supply needs assessment, conduct an analysis of available unappropriated waters within the basin, and propose projects or methods, both structural and nonstructural, for meeting those needs and utilizing those unappropriated waters where appropriate. Basin Roundtables shall actively seek the input and advice of affected local governments, water providers, and other interested stakeholders and persons in establishing its needs assessment, and shall propose projects or methods for meeting those needs. Recommendations from this assessment shall be forwarded to the Interbasin Compact Committee and other basin roundtables for analysis and consideration after the General Assembly has approved the Interbasin Compact Charter.

Water Supply Reserve Account – Application Form

Revised October 2013

2. For Applications that include a request for funds from the **Statewide Account**, describe how the water activity/project meets all applicable **Evaluation Criteria**. (Detailed in Part 3 of the Water Supply Reserve Account Criteria and Guidelines and repeated below.) Projects will be assessed on how well they meet the Evaluation Criteria. **Please attach additional pages as necessary.**

Evaluation Criteria – the following criteria will be utilized to further evaluate the merits of the water activity proposed for funding from the Statewide Account. In evaluation of proposed water activities, preference will be given to projects that meet one or more criteria from each of the three “tiers” or categories. Each “tier” is grouped in level of importance. For instance, projects that meet Tier 1 criteria will outweigh projects that only meet Tier 3 criteria. The applicant should also refer to the Supplemental Scoring Matrix applied to Evaluation Criteria Tiers 1-3 for Statewide Account requests. WSRA grant requests for projects that may qualify for loans through the CWCB loan program will receive preference in the Statewide Evaluation Criteria if the grant request is part of a CWCB loan/WSRA grant package. For these CWCB loan/WSRA grant packages, the applicant must have a CWCB loan/WSRA grant ratio of 1:1 or higher. Preference will be given to those with a higher loan/grant ratio.

Tier 1: Promoting Collaboration/Cooperation and Meeting Water Management Goals and Identified Water Needs

- a. The water activity addresses multiple needs or issues, including consumptive and/or non-consumptive needs, or the needs and issues of multiple interests or multiple basins. This can be demonstrated by obtaining letters of support from other basin roundtables (in addition to an approval letter from the sponsoring basin).
- b. The number and types of entities represented in the application and the degree to which the activity will promote cooperation and collaboration among traditional consumptive water interests and/or non-consumptive interests, and if applicable, the degree to which the water activity is effective in addressing intrabasin or interbasin needs or issues.
- c. The water activity helps implement projects and processes identified as helping meet Colorado’s future water needs, and/or addresses the gap areas between available water supply and future need as identified in SWSI or a roundtable’s basin-wide water needs assessment.

Tier 2: Facilitating Water Activity Implementation

- d. Funding from this Account will reduce the uncertainty that the water activity will be implemented. For this criterion the applicant should discuss how receiving funding from the Account will make a significant difference in the implementation of the water activity (i.e., how will receiving funding enable the water activity to move forward or the inability obtaining funding elsewhere).
- e. The amount of matching funds provided by the applicant via direct contributions, demonstrable in-kind contributions, and/or other sources demonstrates a significant & appropriate commitment to the project.

Tier 3: The Water Activity Addresses Other Issues of Statewide Value and Maximizes Benefits

- f. The water activity helps sustain agriculture & open space, or meets environmental or recreational needs.
- g. The water activity assists in the administration of compact-entitled waters or addresses problems related to compact entitled waters and compact compliance and the degree to which the activity promotes maximum utilization of state waters.
- h. The water activity assists in the recovery of threatened and endangered wildlife species or Colorado State species of concern.

Water Supply Reserve Account – Application Form

Revised October 2013

- i. The water activity provides a high level of benefit to Colorado in relationship to the amount of funds requested.
- j. The water activity is complimentary to or assists in the implementation of other CWCB programs.

Continued: Explanation of how the water activity/project meets all applicable **Evaluation Criteria**.

Please attach additional pages as necessary.

Water Supply Reserve Account – Application Form

Revised October 2013

Part IV. – Required Supporting Material

1. **Water Rights, Availability, and Sustainability** – This information is needed to assess the viability of the water project or activity. Please provide a description of the water supply source to be utilized, or the water body to be affected by, the water activity. This should include a description of applicable water rights, and water rights issues, and the name/location of water bodies affected by the water activity.

The Morrison Consolidated Ditch Company holds 107.76 CFS of adjudicated water from the Pine River with priorities ranging from P-21 to P-65. The Morrison Consolidated Ditch Company also holds 8210.90 Acres of Storage water in the Pine River Irrigation District.

2. Please provide a brief narrative of any related studies or permitting issues.

There are no studies or permitting issues.

3. Statement of Work, Detailed Budget, and Project Schedule

The statement of work will form the basis for the contract between the Applicant and the State of Colorado. In short, the Applicant is agreeing to undertake the work for the compensation outlined in the statement of work and budget, and in return, the State of Colorado is receiving the deliverables/products specified. **Please note that costs incurred prior to execution of a contract or purchase order are not subject to reimbursement.** All WSRA funds are disbursed on a reimbursement basis after review invoices and appropriate backup material.

Please provide a detailed statement of work using the template in Exhibit A. Additional sections or modifications may be included as necessary. Please define all acronyms and include page numbers.

Work at the MCDC measuring box located ¼ mile south of the point of diversion on the Pine River will consist of the following: Excavation and installation of a meter pit and stilling well. Installation of wireless telemetry unit and protective building.

Work at the MCDC/PRSWD measuring box will consist of the following: Installation of a wireless telemetry unit and a protective building.

BUDGET: 2 Mccrometer automated gauging station with satellite telemetry	\$11,400
2 pipes for stilling well and plumbing and labor	\$ 1,200
2 cement pads at cost	<u>\$ 1,500</u>
Approximate total cost of project	\$14,100
Contribution from Operating Fund of the Morrison Consolidated Ditch Company	(\$4,100)

An additional contribution from the Morrison Consolidated Ditch Company is two housing units that we already have on hand that will be used to keep the gauging stations protected.

We would like to begin work in the fall of 2016 to be completed by April 30, 2017

REPORTING AND FINAL DELIVERABLE

Reporting: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe the completion or partial completion of the tasks identified in the statement of work including a description of any major issues that have occurred and any corrective action taken to address these issues.

Final Deliverable: At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.

PAYMENT

Payment will be made based on actual expenditures and invoicing by the applicant. Invoices from any other entity (i.e. subcontractors) cannot be processed by the State. The request for payment must include a description of the work accomplished by major task, and estimate of the percent completion for individual tasks and the entire water activity in relation to the percentage of budget spent, identification of any major issues and proposed or implemented corrective actions. The last 10 percent of the entire water activity budget will be withheld until final project/water activity documentation is completed. All products, data and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and help promote the development of a common technical platform.

Water Supply Reserve Account – Application Form

Revised October 2013

The above statements are true to the best of my knowledge:

Signature of Applicant:

*Relly McCaw sec/bk/p Morrison Consolidated
Ditch Company*

Print Applicant's Name:

Relly McCaw

Project Title: *McCrone Meter Automated Gauging Station with Satellite Telemetry*

Date: *12-19-14*

Return an electronic version (hardcopy may also be submitted) of this application to:

Craig Godbout – WSRA Application
Colorado Water Conservation Board
1313 Sherman St., Room 721
Denver, CO 80203
303-866-3441, ext. 3210 (office)
303-547-8061 (cell)
craig.godbout@state.co.us

Exhibit A
Statement of Work
Date: March 30, 2016

WATER ACTIVITY NAME – McCrometer Automated Gauging Station with Satellite Telemetry

GRANT RECIPIENT – Morrison Consolidated Ditch Company

FUNDING SOURCE – WSRA Grant and Morrison Consolidated Ditch Co Operation Account

INTRODUCTION AND BACKGROUND

Provide a brief description of the project. (Please limit to **no more than 200 words**; this will be used to inform reviewers and the public about your proposal)

The Morrison Consolidated Ditch Company is looking to install two automated gauging stations with wireless satellite telemetry that also include the associated housing and wells at two separate locations. There are no current gauging stations on any structure in the Morrison Ditch. The first location would be at the Morrison Ditch's point of diversion on the Pine River. The second location is at the measuring box 31 miles down the ditch to where it becomes the Pine River Southwest Ditch Company. These wireless units will be used to monitor and regulate appropriate levels of irrigation water. This will ensure efficiency and save labor by allowing the Morrison Consolidated Ditch Company to monitor these locations remotely and adjust the flow of water only as needed and eliminate wasted, expensive trips to check these locations.

OBJECTIVES

List the objectives of the project

- Installation of automated gauging station with wireless satellite telemetry at the MCDC measuring box located ¼ mile south of the point of diversion on the Pine River will consist of the following: Excavation and installation of a meter pit and stilling well. Installation of wireless telemetry unit and protective building.
- Installation of automated gauging station with wireless satellite telemetry at the MCDC/PRSWD measuring box will consist of the following: Installation of a wireless telemetry unit and a protective building.

TASKS

Provide a detailed description of each task using the following format

TASK 1 – Installation of Automated Gauging Stations with Wireless Telemetry

Description of Task

Installation of automated gauging station with wireless satellite telemetry at the MCDC measuring box located ¼ mile south of the point of diversion on the Pine River. Installation of automated gauging station with wireless satellite telemetry at the MCDC/PRSWD measuring box

Method/Procedure

Excavation and installation of a meter pit and stilling well. Installation of wireless telemetry unit and protective building. Installation of a wireless telemetry unit and a protective building.

Deliverable

TASK 2 –

Description of Task

Method/Procedure

Deliverable

REPEAT FOR TASK 3, TASK 4, TAKE 5, ETC.

REPORTING AND FINAL DELIVERABLE

Reporting: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe the completion or partial completion of the tasks identified in the statement of work including a description of any major issues that have occurred and any corrective action taken to address these issues.

Final Deliverable: At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.

BUDGET

Provide a detailed budget by task including number of hours and rates for labor and unit costs for other direct costs (i.e. mileage, \$/unit of material for construction, etc.). A detailed and perfectly balanced budget that shows all costs is required for the State's contracting and purchase order processes. Sample budget tables are provided below. Please note that these budget tables are examples and will need to be adapted to fit each individual application. Tasks should correspond to the tasks described above.

Total Costs							
	Materials		Costs			Total Project Costs	
Task 1 - Installation of Automated Gauging Stations with Wireless Telemetry	2 McCrometer automated gauging stations with satellite telemetry		\$11,400				
	2 Cement pads		\$1,500				
	2 Pipes for stilling well and plumbing		\$1,200			\$14,100	
	Contribution from Morrison Consolidated Ditch Co Operating Fund		(\$4,100)			(\$4,100)	
	Housing units and Labor will be provided by our Ditch Rider at the Ditch Company's expense					\$10,000 grant requested	

SCHEDULE

Provide a project schedule including key milestones for each task and the completion dates or time period from the Notice to Proceed (NTP). This dating method allows flexibility in the event of potential delays from the procurement process. Sample schedules are provided below. Please note that these schedules are examples and will need to be adapted to fit each individual application.

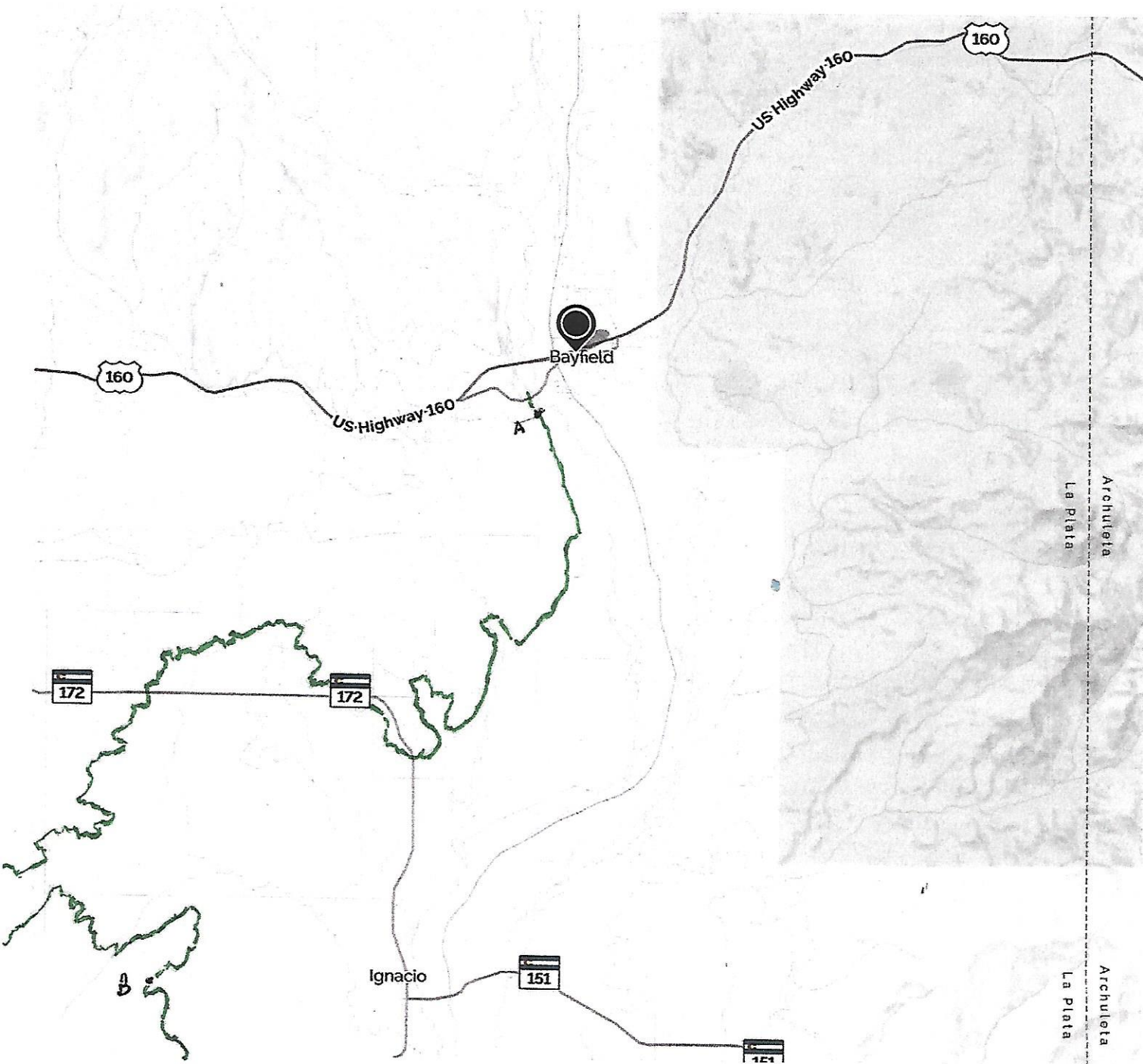
Example 1

Task	Start Date	Finish Date
1	NTP	April 30, 2017

NTP = Notice to Proceed

Payment will be made based on actual expenditures and invoicing by the applicant. Invoices from any other entity (i.e. subcontractors) cannot be processed by the State. The request for payment must include a description of the work accomplished by major task, and estimate of the percent completion for individual tasks and the entire water activity in relation to the percentage of budget spent, identification of any major issues and proposed or implemented corrective actions. The last 5 percent of the entire water activity budget will be withheld until final project/water activity documentation is completed. All products, data and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and help promote the development of a common technical platform.

mapquest



A, HEADING LOCATION

B, TRANSITION FROM MORRISON CONSOLIDATED DITCH CO, TO
PINE RIVER SOUTHWESTERN DITCH CO.

MORRISON CONSOLIDATED DITCH,