

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
September 21-22, 2016
Agenda Item 19(p)

Applicant & Fiscal Agent: Spring Creek Extension Ditch Company
Water Activity Name: Spring Creek Ditch Siphon Replacement
Water Activity Purpose: Agricultural/Implementation
County: La Plata
Drainage Basin: Southwest
Water Source: Pine River
Amount Requested/Source of Funds: \$29,000 Southwest Basin Account
Matching Funds: Applicant/3rd Party Match: \$37,000 = 56% of the total project cost of \$66,000
(refer to *Funding Summary/Matching Funds* section below)

Staff Recommendation:

Staff recommends approval of up to \$29,000 from the Southwest Basin Account to help fund the project titled: Spring Creek Ditch Siphon Replacement.
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Water Activity Summary: WSRF grant funds, if approved will be expended to assist in the replacement of an existing siphon that carries the East lateral of the spring Creek Ditch under Pine Valley Canal. The existing inverted siphon is a concrete pipe that is approximately 75 years old and has deteriorated to a point that failure is likely. Failure of the existing siphon would interrupt irrigation supplies to approximately 1,200 acres of land. Replacement will consist of installing approximately 285 lineal feet of buried steel or plastic pipe crossing under the Pine Valley Canal. A new outlet structure will be constructed just upstream of the existing inlet. The new pipe will be connected to the existing outlet with riprap placed in the canal downstream of the outlet to reduce erosion. A trash rack will be installed on the inlet structure to prevent debris from plugging the siphon, and the existing pipe will be plugged with concrete to prevent infiltration of soil into the existing pipe.

Discussion: This project has been identified as an IPP in the Southwest Basin Implementation Plan (SWBIP) as IPP ID 4-MB. The project meets a Measurable Goal and Outcome for the SWBIP to *Maintain Agricultural Water Needs*.

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>
Spring Creek Extension Ditch Company	\$8,000	\$0	\$8,000
Southwestern Water Conservation District	\$29,000	\$0	\$29,000
Subtotal Matching Funds	\$37,000	\$0	\$37,000
WSRA Southwest Basin Account	\$29,000	n/a	\$29,000
Total Project Costs	\$66,000	\$0	\$66,000

CWCB Project Manager: Finance Section

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

July 25, 2016

Mr. Craig Godbout

Water Supply Management Section

Colorado Water Conservation Board

1580 Logan Street, Suite 600

Denver, Colorado 80203

SUBJECT: Spring Creek Ditch Siphon Replacement, Request for \$29,000 Basin Account

Dear Mr. Godbout:

The Southwest Basin Roundtable approved funding of \$29,000 from the Basin Account for the Spring Creek Ditch Siphon Replacement. The application was considered in detail and approved at the July 13, 2016 meeting of the Southwest Basin Roundtable. There was a quorum of Roundtable members present.

The proposed project falls under IPP 4-MB of the Southwest Basin Implementation Plan. The project meets a Measurable Goal and Outcome for the Southwest BIP to Maintain Agricultural Water Needs.

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,

A handwritten signature in blue ink, appearing to be 'MP', is written over the printed name.

Michael Preston
Southwest Basin Roundtable Chair



COLORADO WATER CONSERVATION BOARD



WATER SUPPLY RESERVE ACCOUNT APPLICATION FORM

Today's Date:

Spring Creek Ditch Siphon Replacement

Name of Water Activity/Project

Spring Creek Extension Ditch Company

Name of Applicant

Southwest Basin

Amount from Statewide Account:

Amount from Basin Account(s):

Total WSRA Funds Requested:

\$29,000

\$29,000

Approving Basin Roundtable(s)

(If multiple basins specify amounts in parentheses.)

FEIN:84-0607445

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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)

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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.

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

1.	Applicant Name(s):	Spring Creek Extension Ditch Company		
	Mailing address:	1259 CR 324 Ignacio, Colorado 81137		
	FEIN #:	84-0607445		
	Primary Contact:	Mark Williams	Position/Title:	Ditch Superintendent
	Email:	mbarlazym@gmail.com		
	Phone Numbers:	Cell: 970-769-4141	Office:	970-563-4444
	Alternate Contact:	Kelly McCaw	Position/Title:	Bookkeeper
	Email:	4ditchwitch@gmail.com		
	Phone Numbers:	Cell: 970-759-9427	Office:	970-884-0247

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.

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3. Provide a brief description of your organization

Spring Creek Extension Ditch Company is a 501C12 organized ditch company formed in 1901 to provide irrigation water to lands generally east of the Pine River in the Ignacio area. The main ditch carries 68 cfs and provides water to 64 shareholders with 5,435 acres under irrigation. Supplemental water is provided by the Pine River Irrigation District from Vallecito Reservoir. There are also carriage contracts for supplemental water in the amount of 27.5 cfs, including 18 cfs for lands managed by the Southern Ute Indian Tribe.

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.

No issues

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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.

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:

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

Latitude:

37.102225

Longitude:

-107.535688

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.

This project is the replacement of an existing inverted siphon that carries the East lateral of the Spring Creek Ditch under the Pine Valley Canal. The inverted siphon is a concrete pipe that is approximately 75 years old and has deteriorated to a point that a failure of the siphon is likely. Failure of the siphon during irrigation season would interrupt irrigation supplies to approximately 1,200 acres of land. The project will replace the concrete pipe with (steel pipe or buried plastic pipe and a steel pipe) crossing over the Pine Valley Canal. A new inlet structure will be constructed just upstream of the existing inlet. The new pipe will be connected to the existing outlet with riprap placed in the canal downstream of the outlet to reduce erosion of the ditch.

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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

This project uses existing water rights held by the Ditch Company and in no way impacts the rights of other users.

- 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 BRTs 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.

See attached letter from the Southwest Basin Roundtable as Exhibit B.

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.

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- 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.

This project uses existing irrigation rights. No new water rights are necessary for this project.

- 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)

The total project cost is estimated at \$66,000. The Ditch Company will provide \$8,000 and will be requesting an additional \$29,000 from the Southwestern Water Conservation District.

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.

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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.

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- 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.

This project preserves agriculture in portions of southeast La Plata County.

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 Spring Creek Ditch Company has the existing water rights adjudicated in Case Numbers 90CW0059, 98CW0013, 02CW0065, 12CW0022, CA1248, and CA7736 with priorities on the Pine River (aka Los Pinos River) of P1, P26 and P37.

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

None

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

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may be included as necessary. Please define all acronyms and include page numbers.

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.

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

Signature of Applicant:

Mark D. Williams

Print Applicant's Name:

Mark D. Williams

Project Title: *Spring Creek Ditch Siphon Replacement*

Date: *6/28/16*

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: June 30, 2016

WATER ACTIVITY NAME –Spring Creek Ditch Siphon Replacement

GRANT RECIPIENT – Spring Creek Extension Ditch Company

FUNDING SOURCE - Southwest Basin WSRA Funds

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)

Replace an existing concrete pipe inverted siphon on the Spring Creek Ditch that crosses under the Pine Valley Canal. The existing siphon is a 75-year old concrete pipe that is in deteriorating condition. The new inverted siphon will span across the Pine Valley Canal. Replacement of the siphon during the non-irrigation season will prevent loss of irrigation water during the critical irrigation season.

OBJECTIVES

List the objectives of the project

Replace existing inverted siphon during non-irrigation season including construction of new inlet structure and reconstructed outlet structure, a steel crossing over the Pine Valley Canal and installation of underground pipe from ditch to siphon.

TASKS

Provide a detailed description of each task using the following format

TASK 1 – [Name]

Description of Task

Remove and replace existing siphon.

Method/Procedure

During the non-irrigation season a new inlet structure and reconstructed outlet structure will be constructed on the ditch, a steel siphon crossing over the top of the Pine Valley Canal will be installed as well as buried pipe between the structures and the new siphon. The inlet will be constructed upstream of the existing structure to facilitate construction. The existing buried pipe will be plugged with concrete at both ends to prevent infiltration of soil into the

pipes. A trash rack will be installed on the inlet structure to prevent debris from plugging the siphon.

Deliverable

Completed functioning siphon.

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.

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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				
	Labor	Other Direct Costs	Matching Funds (If Applicable)	Total Project Costs
Task 1 – Construction of new inverted siphon	\$11,330	\$54,578	\$37,000	\$65,908
Total Costs:	\$11,330	\$54,578	\$37,000	\$65,908

Personnel						
Project Personnel: Hourly Rate:	Foreman \$53.00	Operator \$38.00	Laborer \$30.00	Welder \$97.00		Total Costs
Task 1 – Construction of new inverted siphon	60	110	100	10		
Total Hours:	60	110	100	10		
Cost:	\$3,180	\$4,180	\$3,000	\$970		\$11,330

Other Direct Costs									
Item:	36" PVC Pipe	36" Steel Pipe	Fittings	Concrete Installed	Riprap & Bedding	320 Excav.	420 Backhoe	Misc.	
Units:	LF	LF	LS	CY	LS	Hrs	Hrs	LS	
Unit Cost:	\$78.37	65.00	20,121.00	1,100.00	1,275	99.00	40.00	3,315.00	
Task 1 – Construction of new inverted siphon	245	40	1	4	1	25	21	1	
Total Units:	245	40	1	4	1	25	21	1	
Total Cost:	\$19,200	2,600	20,121	4,400	1,275	2,475	840	3,667	

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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

Example 1

Task	Start Date	Finish Date
1	Upon NTP	NTP + 90 days

NTP = Notice to Proceed

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 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.

**Spring Creek Ditch Siphon Replacement
Southwest Basin Roundtable Criteria**

1. What benefit(s) does the project provide? **The project preserves the ability of agricultural users to remain in production without unplanned outages of irrigation water.** Are there multiple purposes? **No.**
2. Outline the steps needed for completion of the project. **Acquire the necessary funding, solicit bids for the project, award the project, complete construction.** What permit issues must be overcome? **None.** How will funds acquired in this process be used to accomplish the final goal? **Funds will be used to pay for labor, equipment and material.**
3. For prioritization of different proposals and assessment of the merits of the plan, can this project be physically built with this funding. **No, additional sources of funding will be requested from Southwest Water Conservation District as well as funds from the Ditch Company.** Are further studies needed before actual construction is commenced(if the project anticipates construction)? **No.** Will these studies or additional steps delay the completion of the project substantially? **N/A**
4. How does the proposal envision and anticipate support from its beneficiaries or from other sources in addition to the funding requested here? **Ditch Company will fund up to \$8,000 of the project.** Would a loan reasonably address the needs of the applicant or, with a grant, should a recommendation be added to assess the future project status for ability to repay a portion of the grant?
5. What is the ability of the sponsor to pay for the project? **Ditch Company can assess its members special assessments.** What actions have been taken to secure local funding? **Request for grant will be made to Southwestern Water Conservation District.** Are there supporting factors which overcome the sponsor's inability to pay? (These could be related to basin water needs and compact considerations).
6. What alternative sources of water or alternative management ideas have you considered? **N/A** Are there water rights conflicts involving the source of water for the project? **No.** If so, please explain.
7. How has public input been solicited and is there local support for the project? **N/A** Have the beneficiaries solicited funding, letters or other documentation to demonstrate support? **N/A**
8. Is there opposition to the project? **No.** If there is opposition, how have those concerns been addressed?
9. How does the project affect the protection and conservation of the natural environment, including the protection of open space? **Completion of this project will allow agriculture to be maintained in this area of La Plata County.**

Water Supply Reserve Account – Application Form

Revised October 2013

10. What is the impact of the proposed action on other non-decreed values of the stream or river? **None.** Non-decreed values may include things such as non-decreed water rights or uses, recreational uses and soil/land conservation practices.

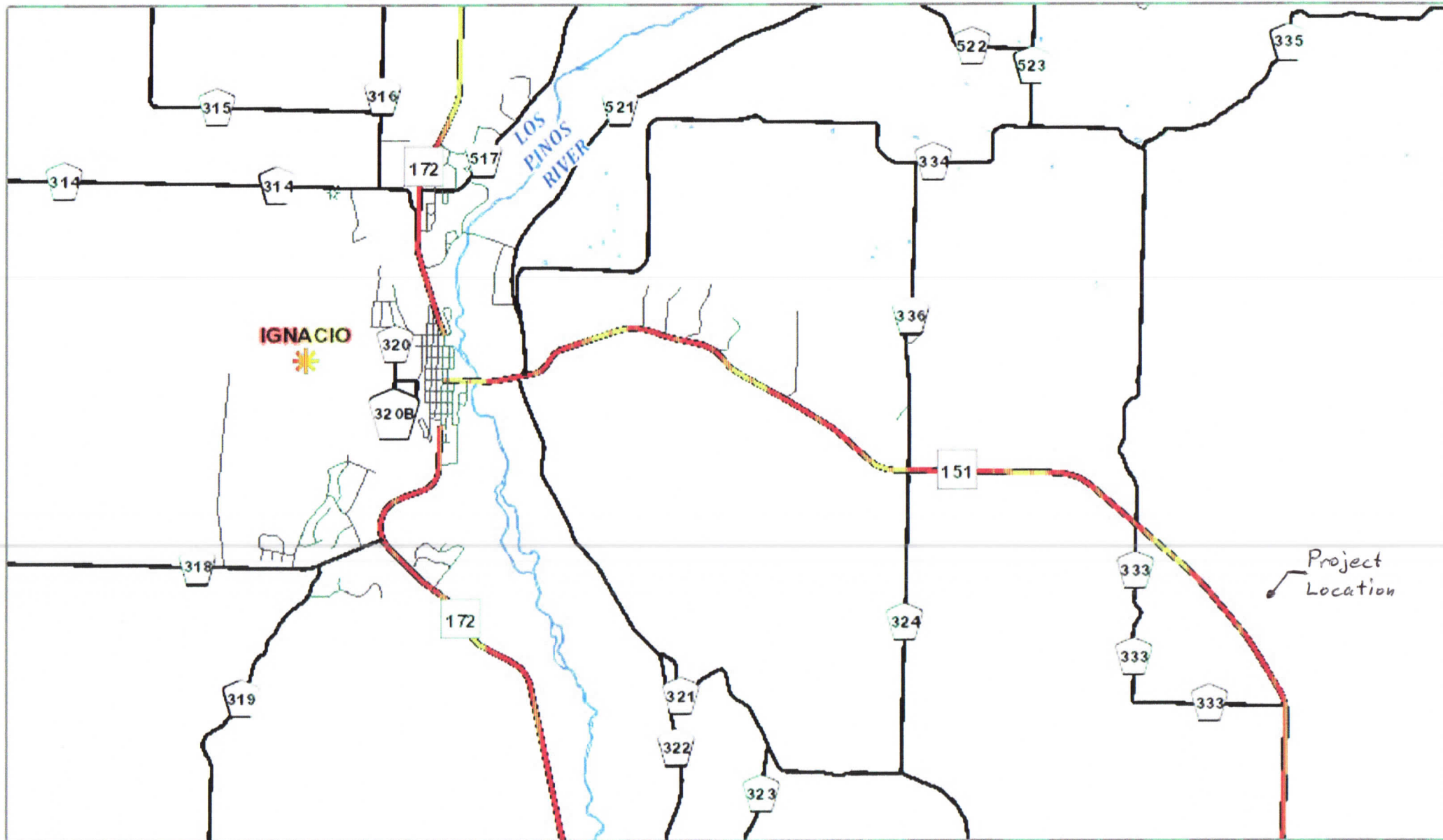
11. How does the project relate to local land use plans? **No local land use plans.** If conflicts exist, how will these be addressed?

12. Identify any intrabasin conflicts and how they will be addressed. **None**

13. Identify any interbasin impacts and how any conflicts would be addressed. **None**

14. How does the project support agricultural development or protect the existing agricultural economy? **This project assures that irrigation water will be maintained for this area of La Plata County.**

Spring Creek Extension Ditch Company- Siphon Replacement Project



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Map Scale
1 inch = 1 mile
8/1/2016



Google earth