Water Supply Reserve Account – Grant and Loan Program Water Activity Summary Sheet September 11-12, 2014 Agenda Item 13(p)

Applicant & Program Sponsor: Thompson-Epperson Ditch Company

Water Activity Name: Thompson-Epperson Ditch Stabilization

Water Activity Purpose: Agricultural Implementation Project

County: La Plata

River Basin: Southwest **Water Source:** Pine River

Total Amount Requested: \$30,000 Southwest Basin Account

Matching Funds: Total combined cash & in-kind match of \$60,000, which is 200% of the total grant

request (refer to Funding Overview/Matching Funds).

Staff Recommendation

Staff recommends approval of up to \$30,000 from the Southwest Basin Account to help complete the project titled: Thompson-Epperson Ditch Stabilization.

Water Activity Summary: The Thompson-Epperson Ditch began delivering water in 1888 and is a mutual ditch company with 104 different share holders. The ditch diverts approximately 36 cfs of irrigation water out of the Pine River and serves approximately 2,200 acre feet west and south of Bayfield, Colorado. In 2014, landslide damage presented the first major threat to the ditch, requiring emergency measures essential to providing the usual irrigation water. The damage was costly and complex but repairable because the bank below the ditch, not the ditch itself, gave away, making it possible to lay pipe in the existing ditch channel. About 600 feet of the ditch north of the stabilized section is also on the same steep bank, and if drought continues, the potential for a similar landslide is likely to result. Funds requested for this project will be used to purchase 600 ft of 5 ft pipe to be installed in a section of the Thompson-Epperson Ditch to avoid leakage, collapse and liability. Installing 600 ft of pipe north of the stabilized section will preserve the ditch and the bank, while avoiding seepage down to the shale layers that can trigger another landslide. This improvement will allow for a debris screen at the opening that will be accessible for cleaning and will not destroy an embankment from back-up water or allow any person or animal entry into the pipe. Project results will help to assure delivery of irrigation water from the ditch to befit agriculture and the economy.

Discussion:

No further discussion is required.

Issues/Additional Needs:

No issues or additional have been identified.

Threshold and Evaluation Criteria:

The application meets all four Threshold Criteria.

Tier 1-3 Evaluation Criteria:

n/a

Funding Overview/Matching Funds:

	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
WSRA Southwest Basin Account	\$30,000	n/a	\$30,000
Southwestern Water Conservation District	\$30,000	\$0	\$30,000
Thompson-Epperson Ditch Co.	\$30,000	<u>\$0</u>	\$30,000
Total Project Costs	\$90,000	\$0	\$90,000

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 and Final Deliverable: 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. 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 15, 2014

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

SUBJECT: Thompson-Epperson Ditch Stabilization Project - \$30,000 from Basin

Account

Dear Mr. Godbout:

The Southwest Basin Roundtable is pleased to recommend funding of \$30,000 from the Southwest Basin Account for the Thompson-Epperson Ditch Stabilization Project. The application was considered in detail and approved at the July 9, 2014 meeting of the Southwest Basin Roundtable. There was a quorum of Roundtable members present.

The proposal is consistent with the Basin Roundtable strategy or improving the efficiency and stability of aging irrigation canals. A failure of this ditch has already resulted in an emergency repair and the proposed project proactively avoids future failures on similar reaches. The applicant ditch company is doubling its assessments in order to provide \$30,000, which is a third of the total project cost.

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,

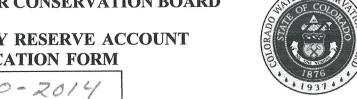
Michael Preston

Southwest Basin Roundtable Chair



COLORADO WATER CONSERVATION BOARD

WATER SUPPLY RESERVE ACCOUNT **APPLICATION FORM**



Today's Date: 6-30-2014

Ditch Stabilization	071	
Name of Water Activity/Project		
Thompson-Epperso	n Ditch	
Name of Applicant	Amount from Statewide Account:	
	Amount from Basin Account(s):	30,000-
Approving Basin Roundtable(s) (If multiple basins specify amounts in parentheses.)	Total WSRA Funds Requested:	30,000.
FEIN		
Application Content	and the second	
Application Instructions		page 2
Part I – Description of the Applica	ant	page 3
Part II - Description of the Water		page 5
Part III - Threshold and Evaluation		page 7
Part IV – Required Supporting M		10
Water Rights, Availability	y, and Sustainability	page 10
Related Studies		page 10
Signature Page		page 12
Required Exhibits		
A. Statement of Work, Budge	et, and Schedule	
B. Project Map		
C. As Needed (i.e. letters of s	support, photos, maps, etc.)	
Appendices – Reference Materi	al	
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)

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

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:

Greg Johnson – WSRA Application Colorado Water Conservation Board 1580 Logan Street, Suite 200 Denver, CO 80203 gregory.johnson@state.co.us

If you have questions or need additional assistance, please contact Greg Johnson at: 303-866-3441 x3249 or gregory.johnson@state.co.us.

Applicant Name(s	provide a succession of the second of the se	Project Sponsor or Owner); Tompson Fp	porson	Pitch Co.	
Mailing address:	ĺ	0. Box 135 ayfield, co			
Taxpayer ID#:	8.	4-6039354			
Primary Contact	: M	onte Miller	Position/Title:	Ditch Presio	don
Email:	Mon	Te. miller. 2008@	gmail.com	<u></u>	
Phone Numbers:	Cell:	970-759-1390	Office: Home	970-884-432	? 7
Alternate Contac	rt: J	An Neleish	Position/Title:	Vice-Pres	
Email:	N	eleighire gmai			gent for inflamentation
	G 11		0.00	GYD 604 716	/
Phone Numbers	: Cell:	and the second s	Home -	970-884-269	4
Public (Government of the control of	SRA funds in	palities, enterprises, counties rk with local entities and the but only if they can make a co	type of entity is the s, and State of Colo local entity should	Applicant? rado agencies. Federal be the grant recipient.	
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Public (Government agencies are encour Federal agencies at the grant recipient. Public (Districts) – and water activity	SRA funds in the f	nclude the following. What palities, enterprises, counties rk with local entities and the out only if they can make a co	type of entity is the s, and State of Colo- local entity should empelling case for v	Applicant? rado agencies. Federal be the grant recipient. why a local partner cannot vation, and irrigation dist	t be
Public (Government agencies are encour Federal agencies at the grant recipient. Public (Districts) – and water activity Private Incorporate	SRA funds in the municipal raged to wo re eligible, but authorities, enterprises.	palities, enterprises, counties rk with local entities and the out only if they can make a counties, Title 32/special districts, (counties and the ditch companies, homeowners, and sole proprietors are expected.	type of entity is the s, and State of Color local entity should compelling case for conservancy, conservancy, conservars associations, cor	Applicant? rado agencies. Federal be the grant recipient. why a local partner cannot vation, and irrigation dist porations.	t be ricts)

w. 19. w.e As	Provide a brief description of your organization The Thompson Epperson (T+E) P.Tch was created mest delivered water 1888. The T+E is a motual ditch compatible to the logical distribution of the logical properties of the corporation and By-Lare approved and adopted in 1974. The ditch diverts of the Sirver of the Pine River of the Pine River and By-Lare approx 36 cfs of irrigation water out of the Pine River.
<i>A-</i> 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.

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Devision of the Western	A ativity/Dynicat
Part II Description of the Water	his grant application? (Please check only one)
Nonconsumptive (Environmental or Recreational)
Agricultural	
Municipal/Industri	ial
Needs Assessment	
Education	
Other Ex	xplain:
2. If you feel this project addresses	multiple purposes please explain.
3. Is this project primarily a study o	or implementation of a water activity/project? (Please check only one) Implementation
4. To catalog measurable results acl	hieved with WSRA funds can you provide any of the following numbers?
New Storage Cre	eated (acre-feet)
New Annual Wa	ter Supplies Developed, Consumptive or Nonconsumptive (acre-feet)
Existing Storage	Preserved or Enhanced (acre-feet)
600 ' Length of Stream	n Restored or Protected (linear feet)
600 'Length of Pipe/C	Canal Built or Improved (linear feet)
Efficiency Saving	gs (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°/4′ 01″N Longitude: 107°36′ 48″W

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 to purchase 600 feet of 5 foot pipe and install it in a section of the Thompson-Epperson Ditch to avoid leakage, collapse and liability. WSRA funding will be used for this purpose.

Agriculture has been sustained by the Ditch for more than 100 years. During 2014 the first major emergency measures were essential to providing the usual irrigation water. Failure of the section of the ditch that has now been repaired alerted us to the now increased possibility of failure of the ditch north of the repaired area.

The landslide damage in 2014 was costly and complex but repairable because the bank below the ditch, not the ditch itself, gave way. It was possible to lay pipe in the existing ditch channel.

About 600 feet of the ditch north of the stabilized section is also on the same steep bank and, especially if the drought continues, has the potential for a similar landslide. The 2014 placement of pipe in 440 foot section of the ditch along with extensive other repairs solved the emergency but created an unavoidable new problem. If trash clogged the pipe backed up water would run over the edge of the ditch down the steep bank potentially washing out the ditch and bank in a place that would not be repairable.

The proposal of installing 600 feet of pipe north of the stabilized section would preserve the ditch and the bank and avoid seepage down to the shale layers that could trigger another landslide.

The 600 foot extension would allow for a debris screen at the opening that should be accessible for cleaning and would not destroy an embankment from back-up water. The debris screen would also prevent entry into the pipe by persons or animals. The Board is concerned with having a long open pipe for liability reasons.

Allowing the ditch to fail would destroy agriculture and a way of life for the share holders; that is not an option. Protecting the public from the automatic hazards of an extended length of 5 foot pipe is also imperative.

The ditch company intends to undertake the stabilization of this section of ditch before the next irrigation season.

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Part III. - Threshold and Evaluation Criteria

- 1. <u>Describe how</u> 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
 - 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.

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.

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.

Matching Requirement: For requests from the Statewide Fund, the applicants is required to demonstrate a 20 percent (or greater) match of the request from the Statewide Account. Statewide requests must also include a minimum match of 5 percent of the total grant amount from Basin Funds. 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 application was submitted to the CWCB. 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.

- 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 2. 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.
- WA 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. 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

- 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).
- 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 nonconsumptive interests, and if applicable, the degree to which the water activity is effective in addressing intrabasin or interbasin needs or issues.
- 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).
- 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.
- 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.
- The water activity assists in the recovery of threatened and endangered wildlife species or Colorado State species of concern.
- The water activity provides a high level of benefit to Colorado in relationship to the amount of funds requested.
- The water activity is complimentary to or assists in the implementation of other CWCB programs.

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

Please attach additional pages as necessary.

EVALUATION CRITERIA

BENEFITS: The benefit of the project is that it will assure delivery of irrigation water to the East and West Laterals of the Thompson-Epperson Ditch protecting agriculture and the economy.

COMPLETION OF THE PROJECT: No permit issues are involved. Funds requested will be used to assist in purchase and instillation of pipe required to stabilize the ditch north of the area repaired earlier. The pipe will adjoin pipe used to repair the landslide emergency. The project will be physically built with the funding before May, 2015.

SUPPORT FROM BENEFICIARIES: The stockholders (beneficiaries) of the Thompson-Epperson Ditch expect an increase in annual assessments which will be necessary to pay for ditch repairs and stabilization.

ABILITY TO PAY: Stockholders authorized the Board to borrow money from a local bank for a short term loan to allow work to be done before funds would become available when assessment payments are received. Future funds will not support repayment of the grant.

ALTERNATIVE WATER SOURCES: No alternative sources are available. Water rights in the Pine River for the ditch are well established; they are detailed in Case No. W-116, August, 1970, ruling of the Water Court Referee, confirming our Priority Numbers 3; 25; 40; 41; 43; and 56. The ruling is confirmed, approved and adopted as the Judgment and Decree of the Court on October 20, 1970.

PUBLIC INPUT: The members of the public who are impacted by this project have been solidly supportive of the Board of Directors' actions and proposals. No opposition has been voiced to the Board to this date.

ENVIRONMENTAL PROTECTION: This project does not alter the present impact of irrigation on the environment.

STREAM NON-DECREED IMPACTS: No impact will occur to the non-decreed values of the Pine River.

LAND USE PLANNING: The status of irrigated land in relation to land use planning is not altered.

INTRA AND INTERBASIN IMPACTS/CONFLICTS: The project has neither impacts non conflicts with interactions of these groups.

IMPACTS ON AGRICULTURE: The projects primary contribution will be to protect agriculture and the existing agricultural economy by stabilizing the irrigation water delivery system in an area where it is very vulnerable.



Part IV. - Required Supporting Material

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.

Hater rights are from the Pine River. Thompson-Epperson original priority was #3. Later enlargements are priority numbers 25, 40, 43 and 56. Court Case # W-116, August, 1970 Confirmed these rights.

2. Please provide a brief narrative of any related 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.

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 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.

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

Signature of Applicant:

Monte Millio Ditch President

Print Applicant's Name:

Monte c Miller

Project Title:

Thompson Epperson Ditch STAGILIZATION

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

Greg Johnson – WSRA Application Colorado Water Conservation Board 1580 Logan Street, Suite 200 Denver, CO 80203 gregory.johnson@state.co.us

Exhibit A <u>Statement of Work</u>

WATER ACTIVITY NAME - Thompson Epperson Ditch Stabilization

GRANT RECIPIENT – Thompson Epperson Ditch Co.

FUNDING SOURCE - 1/3 Basin Roundtable 1/3 SWCD and 1/3 from ditch company

INTRODUCTION AND BACKGROUND

Purpose of the project is to stabilize an additional 600 feet of the main canal. The plan is to put this section of the ditch in 60"plastic pipe and tie into the 440 feet of pipe that was put in in the spring of 2014. This should alleviate the possibility of any additional ditch failure like what happened in the spring of 2014.

OBJECTIVES

Stabilize and additional 600 feet of the main canal.

TASKS

Provide a detailed description of each task using the following format

TASK 1 -

Description of Task

Install an additional 600' of 60"pipe, place a debris screen and rib rap at the entrance of the pipe and tie into the existing pipe that was laid in the spring of 2014.

Method/Procedure

We plan to use the same engineer and contractor that was use when we had to rebuild the hill side and lay the 440'that was done in the spring of 2014.

Deliverable

Pipe is ordered from local vendor, delivered by truck, and installed by contractor.

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 Cost	ts					
					Matching				
		Labor	Other Dire	ct Costs	(If Applic	able)	Total Proje	ct Costs	
cost of pipe \$105/ft							63,000		
2 elbows \$3600 @ x	: 2						7,200		
Debris screen							2,300		
Rib rap material & h	auling						3,500		
Excavating & prepar	ration of						12,000		
canal and pipe instal	lation								
Engineering cost							2,000		Example
							90,00		Titles
	Total Costs:								
Example Project	Project	Project	Geologist	Scientis	t Grap	hics/	Clerical	Total	
Personnel:	Manager	Engineer			Desi	gner	The state of the s	Costs	
Hourly Rate:	_	_							
Task 1 -									
Task 2 -									
Total Hours:									
Cost:									

Other Direct Costs								
Item:	Copies	Materials	Equipment/ Supplies	Mileage		Total		
Units: Unit Cost:	No.			Miles				
Task 1 -								
Task 2 -								
Total Units:								
Total Cost:								

In-Kind Contributions (If Applicable)						
Project Personnel: Hourly Rate:	Total					
Task 1 -						
Task 2 -						
Total Hours:						
Total Cost:						

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	4/1/2015	5/1/2015	

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.

Exhibit A

Statement of Work

600' of 60" black plastic pipe (ADS N-12 WT 60"AASHTO M294)	\$105/ft	\$63,000
2 elbows	3,600	7,200
Debris Screen	2,300	2,300
Rib Rap Material and hauling		3,500
Excavating and preparation of the canal & pipe install 600'	\$20/ft	12,000
Engineering cost		2,000

TOTAL EXPENSES \$90,000



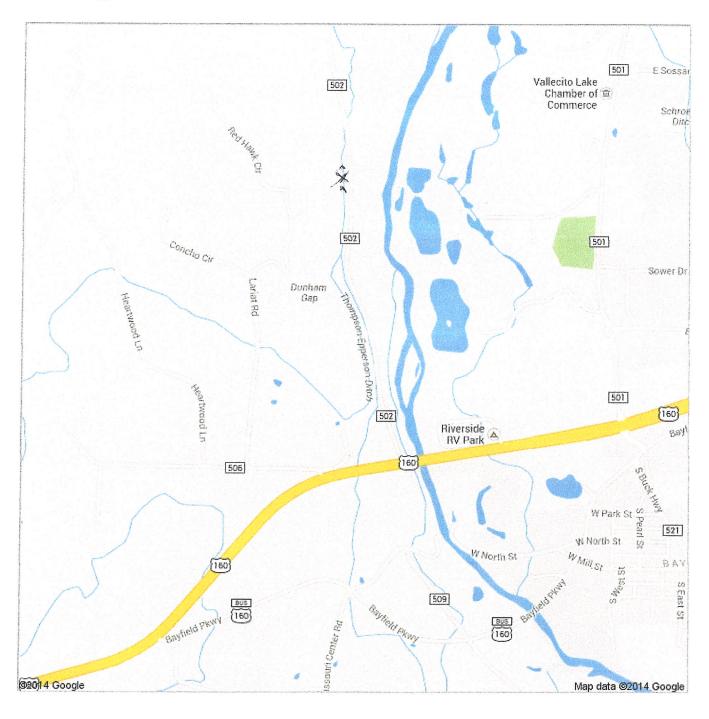
INSURANCE BINDER

OP ID: L DATE (MM/DD/YYYY)

4/2/2014

	INSURANCE CONTRACT, SUBJEC	OT TO	THE CONDITION	VS SHO	OWN ON THE RE	VERSE SID	E OF	THIS FORM
AGENCY Insurance Assoc., IncBoulder		American Alternative Insurance						
3005 Center Green Dr. Ste 120		7	DATE EFFEC		TIME	DATE	XPIRA	ATION TIME
Boulder, CO 80301			0//12	X _{AM}	I V			
Charles Hix			04/02/14	12:	01 PM	06/02/	14/	100N Z
PHONE (A/C, No, Ext): 303-444-4666	FAX (A/C, No): 303-444-8481		THIS BINDER IS	ISSUED T	O EXTEND COVERAGE	IN THE ABOVE	NAME	D COMPANY
CODE:	SUB CODE:	DE	i		EHICLES/PROPERTY (In			
AGENCY CUSTOMER ID: THOMP-1	roon Ditch Co	- 1	igation Works C					
Thompson Epper Faye McIntyre P.O. Box 135 Bayfield CO 811								
COVERAGES						LIMIT	S	
TYPE OF INSURANCE	COVERAGE	/FORMS			DEDUCTIBLE	COINS %		AMOUNT
PROPERTY CAUSES OF LOSS BASIC BROAD SPEC						A CAPA AMBREST TO THE STATE OF		
GENERAL LIABILITY					EACH OCCURRE	NCE	\$	1,000,0
X COMMERCIAL GENERAL LIABILITY					DAMAGE TO RENTED PREMIS		\$	1,000,0
CLAIMS MADE X OCCUR					MED EXP (Any or	1	\$	10,0
X Management Liability					PERSONAL & AD	V INJURY	\$	1,000,0
					GENERAL AGGR	EGATE	\$	3,000,0
	RETRO DATE FOR CLAIMS MADE:				PRODUCTS - CC	MP/OP AGG	\$	3,000,0
AUTOMOBILE LIABILITY					COMBINED SING	SLE LIMIT	\$	1,000,0
ANY AUTO					BODILY INJURY	(Per person)	\$	
ALL OWNED AUTOS					BODILY INJURY	(Per accident)	\$	
SCHEDULED AUTOS					PROPERTY DAM	IAGE	\$	
X HIRED AUTOS					MEDICAL PAYM	ENTS	\$	
X NON-OWNED AUTOS					PERSONAL INJU	IRY PROT	\$	
					UNINSURED MO	TORIST	\$	
							\$	
AUTO PHYSICAL DAMAGE DEDUCTIBLE	ALL VEHICLES SCHEDULE	D VEHICL	ES			ASH VALUE		
COLLISION:					STATED A	MOUNI	\$	
OTHER THAN COL:					OTHER	ACCIDENT	\$	
GARAGE LIABILITY					OTHER THAN A		φ	
ANY AUTO						H ACCIDENT	\$	
						AGGREGATE	\$	
EXCESS LIABILITY				***************************************	EACH OCCURRI		\$	1,000,0
UMBRELLA FORM					AGGREGATE		\$	1,000,0
OTHER THAN UMBRELLA FORM	RETRO DATE FOR CLAIMS MADE:				SELF-INSURED	RETENTION	\$	
OTHER HAN OMBRELLATIONS			<u></u>			UTORY LIMITS		
WORKER'S COMPENSATION					E.L. EACH ACCI	DENT	\$	
AND EMPLOYER'S LIABILITY					E.L. DISEASE - E	A EMPLOYEE	\$	
					E.L. DISEASE - F	POLICY LIMIT	\$	
SPECIAL					FEES		\$	
SPECIAL CONDITIONS/ OTHER COVERAGES					TAXES		\$	
COVERAGES					ESTIMATED TO	TAL PREMIUM	\$	
NAME & ADDRESS					Mark Barrer - Colombia (1994)	en e	********	
			MORTGAGEE		ADDITIONAL INSURED	1		
		LO	LOSS PAYEE AN#			***************************************		
			THORIZED REPRESEN	NTATIVE		***************************************		
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				

Google Exhibit B





Disclaimer: The information is provided as is without warranty of any kind, either express or implied including but not limited to the implied warranties of merchantability and fitness for a particular purpose in no event shall be plate County be liable for any damages whatsoever including direct, indirect, indirect, indirect, including direct, indirect, indirect,

Map Scale 1 inch = 154 feet 7/28/2014

T& E D. Tch HAGh WAY Town BAY field 160 DUTMNGU