



Colorado Water Conservation Board

Water Supply Reserve Fund

Water Project Summary

Name of Applicant	Florida Consolidated Ditch Company	
Name of Water Project	FCDC West Lateral Repair	
Basin Account Request Subtotal		
Applicant Cash Match		\$30,000.00
Applicant In-Kind Match		\$0.00
Basin Requests		
<i>Southwest Basin Roundtable</i>		\$45,000.00
Sources of Funding		
<i>SWCD</i>		\$45,000.00

Applicant & Grantee Information

Name of Grantee: Florida Consolidated Ditch Company
 Mailing Address: 691 County Road 233 Ste B1A Durango CO 81303
 FEIN: 840,204,321

Organization Contact: Darren Rowley
 Position/Title: Operations Manager Email: fcdcooperations@gmail.com
 Phone: 970-759-3438

Organization Contact - Alternate: Shirley Sells
 Position/Title: Office Manager Email: floridaditch@gmail.com
 Phone: 970-749-9800

Grant Management Contact: Darren Rowley
 Position/Title: Operations Manager Email: fcdcooperations@gmail.com
 Phone: 970-759-3438

Grant Management Contact - Alternate: Shirley Sells
 Position/Title: Office Manager Email: floridaditch@gmail.com
 Phone: 970-749-9800

Agency Information

Agency Type	Ditch Company
Current Assessment	\$40.30
Number of Shareholders or Customers	223
Number of Shares	6,200
Number of Taps	
Average Monthly Water Bill	
Annual Water Delivery (acre-feet)	43,000

Description of Grantee/Applicant

Deliver irrigation water

Location of Water Project

Latitude 37.222975
Longitude -107.809520
Lat Long Flag Precise coordinates: Project coordinates are readily definable and precisely define the location of the project
Water Source Lemon Dam
Basins Southwest
Counties
Districts

Water Project Overview

Major Water Use Type Agricultural
Type of Water Project Construction
Scheduled Start Date - Design
Scheduled Start Date - Construction
Description

This project will include repairing the failing portion of the West Lateral Ditch owned by the Florida Consolidated Ditch Company. Due to the instability of the ditch bank, the repair involves installing an impervious liner which will be protected with 3" of shotcrete for the long-term stabilization of the ditch.

The West Lateral Ditch is a 60+-year-old ditch that has issues believed to be caused by a variety of environmental conditions that include tree root systems and burrowing creatures that are creating a conduit for ditch seepage and potential erosion, along with the fact that the ditch is located on top of a steep slope. This ditch is currently leaking which greatly increases the risk of catastrophic failure which is a safety concern for The Elevation Park Subdivision and Hwy 160 in the Grandview area.

Measurable Results

New Storage Created (acre-feet)
New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
Existing Storage Preserved or Enhanced (acre-feet)
New Storage Created (acre-feet)
Length of Stream Restored or Protected (linear feet)
Efficiency Savings (dollars/year)
60 Efficiency Savings (acre-feet/year)
Area of Restored or Preserved Habitat (acres)
Quantity of Water Shared through Alternative Transfer Mechanisms or water sharing agreement (acre-feet)
Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning
Number of Coloradans Impacted by Engagement Activity
Other
No additional measurable results provided



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Water Supply Reserve Fund

EXHIBIT B - BUDGET AND SCHEDULE - Direct & Indirect (Administrative) Costs

Date: 10/11/2022

Water Activity Name: West Lateral Ditch Repair

Grantee Name: Florida Consolidated Ditch Company

<u>Task No.</u> ⁽¹⁾	<u>Description</u>	<u>Start Date</u> ⁽²⁾	<u>End Date</u>	<u>Matching Funds</u> (cash & in-kind) ⁽³⁾	<u>WSRF Funds</u>	<u>Total</u>
1	Construction	3/1/2023	3/25/2023	\$ 75,000.00	\$ 45,000.00	\$ 120,000.00
2						
3						
4						
5						
6						
7						
Total				\$75,000	\$45,000	\$120,000

(1) The single task that include costs for Grant Administration must provide a labor breakdown (see Indirect Costs tab below) where the total WSRF Grant contribution towards that task does not exceed 15% of the total WSRF Grant amount.

(2) Start Date for funding under \$50K - ~ 45 Days from Director Approval; Start Date for funding over \$50K - ~90 Days from Board Approval.

(3) Reimbursement eligibility commences upon the grantee's receipt of a Notice to Proceed (NTP)

• NTP will not be accepted as a start date. Project activities may commence as soon as the grantee enters contract and receives formal signed State Agreement.

The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of the CWCB staff project manager. Once the Final Report has been accepted, the final payment has been issued, the water activity and purchase order (PO) or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to the CWCB with 90 days of the expiration of the PO or contract may be denied consideration for future funding of any type from the CWCB.

• Additionally, the applicant shall provide a progress report every 6 months, beginning from the date of contract execution

• Standard contracting procedures dictate that the Expiration Date of the contract shall be 5 years from the Effective Date.

NOTE TO APPLICANTS: Below are two "detailed budget" examples. Detailed budgets will vary between all projects, so these examples can be used as a helpful guide



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 Detailed Budget Estimate

Date: 10/11/2022
Water Activity Name: West Lateral Ditch Repair
Grantee Name: Florida Consolidated Ditch Company

Task 1 - Construction

Sub-task	Item	Units	Quantity	Unit Price	Subtotal	CWCB Funds	Other Matching Funds
1a	Pump out Ditch	1 day		\$ 1,200.00	\$ 1,200.00	\$ 450.00	\$ 750.00
1b	Purchase Liner 30mil	7,350 Sq. Ft.		\$ 10,000.00	\$ 10,000.00	\$ 3,750.00	\$ 6,250.00
	8 oz. Geotextile	14,700 Sq Ft.		\$ 13,814.00	\$ 13,814.00	\$ 5,180.25	\$ 8,633.75
1c	Mobilization of Equipment	1		\$ 750.00	\$ 750.00	\$ 281.25	\$ 468.75
1d	Excavation	5 days		\$ 14,500.00	\$ 14,500.00	\$ 5,437.50	\$ 9,062.50
1e	Installation of Liner	1 day		\$ 2,750.00	\$ 2,750.00	\$ 1,031.25	\$ 1,718.75
1f	Install Shotcrete	6,000 Sq Ft.		\$ 70,000.00	\$ 70,000.00	\$ 26,250.00	\$ 43,750.00
1h	Contingency	LS		\$ 6,986.00	\$ 6,986.00	2619.75	\$ 4,366.25
Total Cost:					\$ 120,000.00	\$ 45,000.00	\$ 75,000.00

SOUTHWEST BASIN ROUNDTABLE'S CRITERIA FOR BASIN EVALUATION

The following will be used to evaluate a project submitted to the Southwest Basin Roundtable.

The listed requirements include Southwest Basin Roundtable specific requirements as well as the Colorado Water Conservation Board requirements for completing the Water Supply Reserve Fund (WSRF) Grant application. This is not an exhaustive list and all application forms should be thoroughly reviewed and completed. For assistance in completing the application package please reference the Southwest Basin Roundtable's WSRF Grant application submittal checklist.

REQUIRED:

- A. Projects must be submitted on application forms used by the [Colorado Water Conservation Board](#) (CWCB) and this Southwest Basin Roundtable's Criteria for Basin Evaluation (Roundtable).
- B. All applicable sections must be completed.
- C. Applicants will identify which of the goals and measurable outcomes, as described in the [Roundtable's Basin Implementation Plan](#) (BIP), apply to the proposed Project. The BIP's goals and measurable outcomes may be found as a standalone document [here](#) along with the [Executive Summary](#). The full plan (BIP) is available on the Roundtable website at <https://waterinfo.org/resources/southwest-basin-roundtable/>
- D. Applicants will identify which goals and actions apply as described in the [Colorado Water Plan](#) (CWP), and address those applicable for the Project. The CWP critical goals and actions may be found in [Chapter 10: Critical Action Plan](#).
- E. In addition to describing applicable BIP goals and CWP goals, the applicant will also identify if the project is listed as an identified project and/or process (IPP) in the BIP and note the identification number of the IPP in their application. The IPP list is available on the [Roundtable's website](#). If the project is not an IPP, the applicant should make note of this in the application.
- F. Provide a financial overview of the project and/or process, including cost sharing and all other possible funding sources. The Roundtable requires a minimum 25% match of the total funding request for WSRF grant funds, not to exceed 10% as in-kind (i.e. minimum of 15% cash match). Please provide details of the in-kind contributions. The Roundtable strongly encourages cash contributions from project beneficiaries or applicants. Waivers of these requirements will be considered on a case-by-case basis. An example of the cost share breakdown for a grant request of \$22,500 is shown below.

Total cost of Project, or portion being funded by WSRF Basin Grant*	\$30,000
Total Cash Match Amount (15%)	\$4,500
Total In-Kind Match Amount (10%)**	\$3,000
Total WSRF Basin Grant Request Amount	\$22,500

**Amount of Grant Request plus amount of match should equal total cost of Project.*

***CWCB allows for "past expenditures directly related to the project may be considered as matching funds (i.e. in-kind contributions) if the expenditures occurred within 9 months of the date of the contract or purchase order between the applicant and the State of Colorado is executed."*

- G. Until further notice, the Roundtable's basin grants will not exceed \$25,000 unless special circumstances exist which the Roundtable deems a larger amount is warranted. Waiver of this recommendation will be considered on a case-by-case basis.
- H. For applicants also seeking statewide WSRF funds, basin grant amounts shall not exceed 10% of the total WSRF grant amount or the \$25,000 basin grant ceiling, whichever is less, unless the Roundtable determines that special circumstances exist that warrant a larger amount.
- I. Provide the proposed schedule for the project and/or process to be funded and the timeline for entire project if only funding part with this application.
- J. The Roundtable requires that, if the application is approved, the applicant provide at a minimum semi-annual progress reports of the project as well as a final report once the project is completed. The first report is due six months after the notice to proceed is given. To avoid duplicate efforts, the applicant may electronically send the same progress and final reports, as required by CWCB, to the Roundtable chair for distribution to the group. Applicants are always encouraged to share project completion stories including successes and lessons learned at Roundtable meetings.
- K. Applicants must answer, to the best of their ability, the evaluation questions posed below. These questions and answers assist the Roundtable during the application review process.

SOUTHWEST BASIN ROUNDTABLE'S EVALUATION QUESTIONNAIRE

To assist the Roundtable in determining whether and to what extent a proposed project and/or process meets the values set forth in the By-Laws and goals of the Basin Implementation Plan, the following questions should be addressed separately as can reasonably be answered by the applicant. Note: this is not an exhaustive list and additional questions may be asked of the applicant.

1. Identify the benefit(s) the project would provide. Are there multiple purposes (Agricultural, Environmental, Municipal, Industrial, Recreational) that the project would meet as defined in the Basin Implementation Plan? *Note: Projects that meet multiple purposes are strongly encouraged, however, this does not mean that a single purpose project would be rejected,*

This project is a critical water infrastructure to continue to provide water to a large agriculture area. At the startup of our 2022 season, the seepage was discovered, resulting in the ditches being turned off for over 5 days until a temporary fix was done. Due to drought conditions, it is imperative we deliver water as efficiently and effectively as soon as possible. This was valuable time lost for farmers and ranchers getting water for their crops. It also impacts the fish habitat when flow is abruptly stopped. Therefore, this project has an impact not only on agriculture but environment and recreation as the ditch is a supply source for the Pastorious Reservoir State Wildlife area.

2. Outline the steps needed for completion of the project. Are there permit issues that must be overcome? How will funds acquired in this process be used to accomplish the final goal?

Florida Consolidated Ditch Company will hire contractors to contour and install the impervious liner and shotcrete to a 400 ft section of the ditch. There are no permit issues.

3. For prioritization of different proposals and assessment of the merits of the plan, can this project be physically built with this funding? Are further studies needed before actual construction is commenced (if the project anticipates construction)? Will these studies or additional steps delay the completion of the project substantially?

Installing impervious liner and shotcrete is the most effective way of repairing the damaged area of the ditch. With Florida Consolidated Ditch Company's Cash Match and contributing funds the project will be fully funded.

4. What is the ability of the sponsor to pay for the project? What actions have been taken to secure local funding? Are there supporting factors that affect the sponsor's ability to pay? Please provide a summary of the sponsor's financial condition such as customer fee structure, mill levy rate, or other applicable information that demonstrates the sponsor's ability to support the project. For example, has the sponsor increased assessments or rates to meet the project requirements in the past five years. Also, address how a loan could address the needs of the applicant instead of a grant?

Florida Consolidated Ditch Company along with supporting funds can pay the full cost of this Project. The ditch company is in the process of raising the assessments by ~13% in an effort to help fund these types of projects. The entire project can be completed within thirty (30) days.

5. Which alternative sources of water or alternative management ideas have you considered? Are there water rights conflicts involving the source of water for the project? If yes, please explain.

All ditches in our system are viable for the delivery of water, there are no alternative routes. No water rights will be affected by this repair project.

6. Has there been public input solicited and is there local support for the project? Please provide a brief summary of public input if applicable.

7.

No public input has been solicited as this a repair of our ditch system and no impact to the general public.

8. Is there opposition to the project? If there is opposition, how have those concerns been addressed? Identify any conflicts that may exist and how they will be addressed.

9.

There is no known opposition to this repair project. IF this repair is not completed, it could result in a catastrophic failure of the ditch resulting in certain flooding of the subdivision located below the damaged ditch area and HWY 160.

10. Does this project affect the protection and conservation of the natural environment, including the protection of open space? If yes, please explain.

The area to be repaired is inside the ditch bank, which will not affect the surrounding area.

11. Are there impacts of the proposed action on other non-decreed values of the stream or river? Non-decreed values may include things such as non-decreed water rights or uses, recreational uses and soil/land conservation practices.

The project would be of benefit to improving the water delivery to agricultural areas also with wildlife and recreational uses as it is a tributary to Pastorious Reservoir State Wildlife area. This repair will result in reduced water loss of ~ 1 CFS per day for the water users.

12. Does this project relate to Stream Management Plan or Needs Assessment for one of the Basin's river reaches? If yes, please explain and provide detailed evidence of how project will meet SMP goals or needs.

No, this project is not related to Stream Management Plan

13. Does this project relate to local land use plans? If yes, please explain.

No, the project is a repair project to our ditch system.

14. Does the project depend on a conversion of an agricultural water right? If yes, please explain.

No agricultural water rights will be affected by this' project.

15. Does the project support agricultural development or protect the existing agricultural economy? If yes, please explain.

Yes, Water savings, by reducing water loss which is passed on to water user as a transportation cost.

16. Does the project optimize existing water rights and/or existing infrastructure? If yes, please explain.

No water rights will be affected, and the ditch infrastructure will remain the same.

17. Does the applicant anticipate future funding requests to complete the additional components of this project? Does the applicant have a long-term operation, maintenance and replacement plan? When was the last update of the plan?

No, we do not anticipate any future funding requests for this repair.

Since we are a non-profit operating on limited funds, the operation, maintenance, and replacement plan are handled by annual assessment. We have several upgrade plans in the works. Currently, we are lining a section of the Florida Canal which results in water savings. We will be upgrading the Florida Canal Diversion next year, also we are looking into possible piping options for different ditches to allow better water delivery. A new management team was hired this year and we plan to create long-term operation, maintenance, and replacement plans.

18. Does this project have an education component? If yes, please explain how it is consistent with the Roundtable's Education Action Plan. <https://waterinfo.org/wp-content/uploads/2020/11/Southwest-Basin-EAP-2020-Final-1.pdf>

As Operations Manager, I plan to hold several educational seminars this winter, to help our water users to have a better understanding of how water is measured and distributed throughout the system. I will start by offering the class to the water users in the subdivisions we serve. The management team looks forward to working together with water users and improving the level of public awareness and engagement of water issues. We are looking into how we could work with the local FFA and 4-H clubs to develop an interest in water issues by involving the youth of our community.