Last Updated: June 2018

Colorado Water Conservation Board

Water Plan Grant Application

Instructions

To receive funding for a Water Plan Grant, applicant must demonstrate how the project, activity, or process (collectively referred to as "project") funded by the CWCB will help meet the measurable objectives and critical actions in the Water Plan. Grant guidelines are available on the CWCB website.

If you have questions, please contact CWCB at (303) 866-3441 or email the following staff to assist you with applications in the following areas:

Water Storage Projects	Anna.Mauss@state.co.us
Conservation, Land Use Planning	Kevin.Reidy@state.co.us
Engagement & Innovation Activities	Ben.Wade@state.co.us
Agricultural Projects	Alexander.Funk@state.co.us
Environmental & Recreation Projects	Chris.Sturm@state.co.us

FINAL SUBMISSION: Submit all application materials in one email to *waterplan.grants@state.co.us* in the original file formats [Application (word); Statement of Work (word); Budget/Schedule (excel)]. Please do not combine documents. In the subject line, please include the funding category and name of the project.

Water Project Summary

Name of Applicant	**Lake Fork Ditch Company (LFDC)**
Name of Water Project	**Lake Fork Ditch Piping / Salinity Reduction Project**

CWP Grant Request Amount	**$150,000.00**
Other Funding Sources **BOR Field Services Grant**	**$75,000.00**
Other Funding Sources **BOR Salinity Grant**	**$4,180,394.00**
Other Funding Sources _____	**$0.00**
Applicant Funding Contribution	**$0.00**
Total Project Cost	**$4,405,394.00**

Last Updated: June 2018

Applicant & Grantee Information
Name of Grantee(s): **Lake Fork Ditch Company (LFDC)**
Mailing Address: **21190 Hamilton Road, Cedaredge, Colorado 81413-8270**
FEIN: **84-0439242**
Organization Contact: **Ken Sodowsky**
Position/Title: **President**
Email: sodo626@aol.com
Phone: **970-856-7767**
Grant Management Contact: **Luke Gingerich**
Position/Title: **Project Manager**
Email: lgingerich@jub.com
Phone: **970-208-8508**
Name of Applicant (if different than grantee): **Same as grantee**
Mailing Address: **N/A**
Position/Title: **N/A**
Email: **N/A**
Phone: **N/A**

Description of Grantee/Applicant
Provide a brief description of the grantee's organization (100 words or less).
Lake Fork Ditch Company is located in Cedaredge, Colorado. This organization primarily operates in Water Distribution of irrigation water. This organization has been operating for approximately 140 years. The Lake Fork Ditch is located in the Surface Creek Valley beneath the southern slopes of the Grand Mesa, the largest mesa in the world. Its elevated vantage point affords a southern view of the San Juan Mountains and the Black Canyon of the Gunnison National Park. The Lake Fork service area is west of Cedaredge and covers the west side of the Happy Hollow Gulch.

Last Updated: June 2018

Type of Eligible Entity (check one)	
	Public (Government): Municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.
	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: Private parties may be eligible for funding.
	Non-governmental organizations (NGO): Organization that is not part of the government and is non-profit in nature.
	Covered Entity: As defined in Section 37-60-126 Colorado Revised Statutes.

Type of Water Project (check all that apply)	
	Study
✓	Construction
	Identified Projects and Processes (IPP)
✓	Other: **Design of Structural Projects or Activities**

Category of Water Project (check the primary category that applies and include relevant tasks)		
	Water Storage - Projects that facilitate the development of additional storage, artificial aquifer recharge, and dredging existing reservoirs to restore the reservoirs' full decreed capacity and Multi-beneficial projects and those projects identified in basin implementation plans to address the water supply and demand gap.. *Applicable Exhibit A Task(s):*	
	Conservation and Land Use Planning - Activities and projects that implement long-term strategies for conservation, land use, and drought planning. *Applicable Exhibit A Task(s):*	
	Engagement & Innovation - Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application on the website. *Applicable Exhibit A Task(s):*	
✓	Agricultural - Projects that provide technical assistance and improve agricultural efficiency. *Applicable Exhibit A Task(s):* **Tasks 1, 2, and 3**	
	Environmental & Recreation - Projects that promote watershed health, environmental health, and recreation. *Applicable Exhibit A Task(s):*	
	Other	Explain:

Last Updated: June 2018

Location of Water Project	
Please provide the general county and coordinates of the proposed project below in **decimal degrees**. The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Counties	**Delta County**
Latitude	**Start: Lat. 38°55'27"N, End: Lat. 38°51'51"N**
Longitude	**Start: Long. 107°55'38"W, End: Long. 107°59'9"W**
Site Map	**See Exhibit C-1 Lake Fork Piping Project Map**

Water Project Overview
Please provide a summary of the proposed water project (200 words or less). Include a description of the project and what the CWP Grant funding will be used for specifically (e.g., studies, permitting process, construction). Provide a description of the water supply source to be utilized or the water body affected by the project, where applicable. Include details such as acres under irrigation, types of crops irrigated, number of residential and commercial taps, length of ditch improvements, length of pipe installed, and area of habitat improvements, where applicable. If this project addresses multiple purposes or spans multiple basins, please explain. The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, Other Funding Sources/Amounts and Schedule.

Last Updated: June 2018

Project Objectives:

Pipe the Lake Fork Ditch from its split from the Big Ditch to the final turnout to:

- Increase efficiency of existing delivery system
- Conserve water/decrease amount of water lost to seepage
- Provide pressurized water to enable on-farm pressure applications without need for pumping
- Eliminate 2,750 tons per year of salt loading into Colorado River
- Decrease selenium loading to Colorado River

CWP Grant Funding Purpose:

- 50% Project Design (see Task 1 in Exhibit A WPGrant SOW for more details)

Water Supply:

LFDC's source of water is Kiser Creek and Ward Creek, though Lake Fork takes their water from Big Ditch in Cedaredge, CO. They have Surface Creek Ditch and Reservoir Shares for late season irrigation. Small reservoirs supply water to the two creeks throughout the summer. Water from these creeks ultimately reaches the Gunnison River east of Delta, CO.

Acres/Crops Irrigated, Proposed Ditch Specifications:

- Acres irrigated – 570 acres
- Crops irrigated – grain, hay, pasture, fruit orchards, and wine grapes
- Length of ditch abandoned and filled – 1,956 feet
- Length of ditch piped – 25,700 feet
- Length of ditch removed from service – 27,656
- Total length of proposed new pipe – 25,700 feet

Measurable Results	
To catalog measurable results achieved with the CWP Grant funds, please provide any of the following values as applicable:	
N/A	New Storage Created (acre-feet)
N/A	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
N/A	Existing Storage Preserved or Enhanced (acre-feet)
N/A	Length of Stream Restored or Protected (linear feet)
Lake Fork loses about 15 percent of their water rights through seepage during a 214-day irrigation season; therefore, they will save 800 acre-feet/year, not including stockwater losses.	Efficiency Savings (indicate acre-feet/year OR dollars/year)

Last Updated: June 2018

The level of habitat replacement will be assessed as part of the proposed project. See Task 2, Sub-task 3 in Exhibit A WPGrant SOW.	Area of Restored or Preserved Habitat (acres)	
N/A	Quantity of Water Shared through Alternative Transfer Mechanisms	
There are a limited number of people on the ditch; however, all users upstream and downstream will be impacted by improved delivery efficiency and water quality, and by better water conservation efforts.	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning	
N/A	Number of Coloradans Impacted by Engagement Activity	
2,750 tons/year.	Other	Explain: **Salt loading eliminated in the Colorado River (tons/year)**

Water Project Justification

Provide a description of how this water project supports the goals of Colorado's Water Plan, the most recent Statewide Water Supply Initiative, and the applicable Roundtable Basin Implementation Plan and Education Action Plan. The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers).

The proposed water project shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan Framework for State of Colorado Support for a Water Project (CWP, Section 9.4, pp. 9-43 to 9-44;)

Last Updated: June 2018

As outlined in Chapter 9-43 – 9-44 of Colorado's Water Plan, the proposed project aligns with and supports the goals of Colorado's Water Plan, along with the most recent Statewide Water Supply Initiative and the Gunnison Basin Implementation Plan, in the following ways:

Supports Colorado's Water Values and Goals:

The proposed project supports Colorado's Water Values, as stated in Chapter 1-6 of Colorado's Water Plan (CWP), by:

- Creating a strong environment that includes healthy watersheds, rivers and streams, and wildlife
- Allowing for more efficient and effective water infrastructure promoting smart land use
- Supporting viable and productive agriculture.

The proposed project will accomplish this by improving/modernizing Lake Fork Ditch Company's (LFDC's) agricultural water delivery system, which will increase water efficiency through a decrease in water lost to seepage, provide pressurized water to enable on-farm pressure applications without the need for pumping, and eliminate 2,750 tons per year of salt loading into the Colorado River; ultimately reducing the level of general salinity in the numerous stream segments within the Lower Gunnison Unit, as stated on pg. 35 of the Gunnison Basin Implementation Plan (Gunnison BIP). The project will also reduce the amount of selenium loading to the river system.

Pg. 106 of the Gunnison BIP states that the goal of the proposed water project is to maintain or, where necessary, improve water quality throughout the Gunnison Basin. This goal aligns with Colorado's Water Goals for agricultural viability, as stated in Objective D of Colorado's Water Plan in Action 2017 – "support Colorado's agricultural industry to make it more efficient, resilient, and able to reduce water consumption without impacting agricultural productivity" (pg. 16).

The proposed project also aligns with Critical Action 2 and 3 under Objective D (pgs. 16-17) by exploring "system-wide conservation and efficiency opportunities…and long-term infrastructure maintenance needs," and by taking advantage of "grants…and technical support to update and improve Colorado's aging agricultural infrastructure, especially where improvements provide multiple benefits," – improve Lake Fork Ditch infrastructure to provide increased delivery efficiency, provide pressurized water to enable on-farm pressure applications, and reduce salinity/selenium.

Demonstrates a Commitment to Collaboration:

Impacts to the Gunnison River Basin are being addressed through projects categorized as Colorado River Basin Salinity Control Projects on pg. 106 of the Gunnison BIP. These projects were authorized under the Colorado River Basin Salinity Control Act of 1974. The proposed water project will minimize the leaching of selenium from soils, and like all projects that fall under this category, are sponsored by the Uncompahgre Valley Water Users Association, Reclamation, and the Colorado River Water Conservation District, as stated on pg. 35 of the Gunnison BIP. As the closed water system and its components mentioned above are developed, the process will allow many opportunities for the Lake Fork Ditch Company (LFDC) to improve upon communication and coordination with Gunnison Basin water quality stakeholders, watershed groups, and state and federal agencies to accomplish the goals of this project; also stated on pg. 35 of the Gunnison BIP.

As previously outlined under "Water Project Overview," LFDC intends to use CWP Grant funds to cover 50% Design on the proposed project so that it might reduce its salt loads (dollars per ton) and increase the chances of being awarded Bureau of Reclamation (BOR) Salinity Grant funds to cover project construction. The leveraging of funds for this purpose will allow LFDC, BOR, and the Colorado Water

Conservation Board (CWCB) to collaborate on and share in a project that will further the goals that each of these entities have in common; which is to improve water efficiency and quality in the Gunnison River Basin through better water management practices and improved infrastructure.

Addresses an Identified Water Gap:

The existing Lake Fork Lateral consists of approximately 27,656 feet of open, unlined ditch and 12 individual turnouts, 512 shares, and 16 users. Flood irrigation is the primary method used, using gated pipe and furrows, but a few users have installed sprinklers. The capacity of the current system is 15 cfs. The existing headworks is a concrete check structure and canal gate. The Lake Fork Ditch begins north of the town of Cedaredge and parallels Happy Hollow, running southwest. At one point, it crosses another large ditch, the Child's Ditch. It runs across private property with several crossings of county highways. The tailwater currently drains into Tongue Creek.

As outlined previously, Objective D of Colorado's Water Plan in Action 2017 seeks projects that "support Colorado's agricultural industry to make it more resilient, and able to reduce water consumption without impacting agricultural productivity," pg. 16). The Water Plan also seeks projects that explore "system-wide conservation and efficiency opportunities…and long-term infrastructure maintenance needs" (pgs. 16-17). The proposed project seeks to accomplish these goals by improving/modernizing the Lake Fork Ditch infrastructure to decrease water lost to seepage and provide pressurized water to enable on-farm pressure applications without the need for pumping.

Identified on pg. 106 of the Gunnison BIP, Colorado River Basin Salinity Control Projects, such as the proposed project, under the Colorado River Basin Salinity Control Act of 1974, is identified as meeting a need to maintain or, where necessary, improve water quality throughout the Gunnison Basin. Previously explained under "Water Project Overview," LFDC's source of water is Kiser Creek and Ward Creek, though LFDC takes their water from Big Ditch in Cedaredge, CO. They have Surface Creek Ditch and Reservoir Shares for late season irrigation, and small reservoirs supply water to the two creeks throughout the summer. Water from these creeks ultimately reaches the Gunnison River east of Delta, CO. The proposed project will accomplish the need to improve water quality by continuing efforts to reduce the level of general salinity/selenium in the lower reaches of the Gunnison River where practical, as identified on pg. 35 of the Gunnison BIP.

Numerous stream segments within the Lower Gunnison Unit, Tongue Creek area are on the State of Colorado's Clean Water Act Section 303(d) List for selenium impairment, or on the Sate's Monitoring and Evaluation List for further study (Water Quality Control Division, COGULG07 Regulation #93 amended 02-13-12) and eventual Total Maximum Daily Load development. The Lake Fork Ditch laterals are within an area identified as having soils split between low to very high selenium mobilization potential. The piping of the proposed irrigation lateral is projected to reduce selenium loading from the delivery system.

The proposed project is located in an area dominated by Mancos shale. The Gunnison Basin Selenium Task Force (STF) and the Selenium Management Program Formulation Document identified open, earthen irrigation delivery system laterals in Mancos shale soils as a source of deep percolation of irrigation water and selenium loading. The piping of irrigation laterals has been demonstrated to be an effective means for reducing selenium and salt loading, and the proposed project will increase the efficiency of the existing water delivery system and conserve water that is currently lost through the open canals and laterals. As identified on pg. 35 of the Gunnison BIP, the proposed project seeks to "Improve the quality of water returning to the river and its tributaries from agricultural…areas with Mancos Shale soils (i.e., reduce selenium impacts). Support and expand the work of the Selenium Task Force and Selenium Management Program."

Last Updated: June 2018

Demonstrates Sustainability:

The Lake Fork Ditch Company (LFDC) will demonstrate sustainability by modernizing its aging infrastructure. As stated under "Water Project Overview," the total length of proposed new pipe is 25,700 feet.

The piping of the proposed irrigation lateral will result in increased agricultural efficiency, conservation of water through the reduction of the amount of water lost to seepage, and pressurized water to enable on-farm pressure applications without the need for pumping. The newly piped irrigation lateral will also avoid impacts to, mitigate, and enhance water quality through the reduction of selenium and salt loading in the delivery system, the Colorado River, local rivers and streams, and ultimately in the lower reaches of the Gunnison Basin.

Further, LFDC will increase their efforts to partner with local government(s) being served by the water project to incorporate best water use practices into land use planning efforts. Implementing conservation best practices at high customer participation levels is a Lake Fork Ditch priority, in addition to greater agricultural efficiency and the 2,750 tons per year of salt loading that will be eliminated due to the piping of the ditch. Section 8 of the most recent Statewide Water Supply Initiative (SWSI) expresses the need to "Support, encourage, and incentivize water providers in planning for and implementing M&I active conservation best management practices and other demand management strategies." As the project accomplishes its goals for greater agricultural efficiency, water conservation, and reduced selenium and salt loading, LFDC will be in a better position to implement better water use practices and planning efforts that will mitigate and avoid economic and social impacts on the agricultural community they serve; and by extension, all communities affected by the quantity and quality of water in the Colorado River, local rivers and streams, and ultimately the Gunnison River Basin.

Section 1-9 of the SWSI lists many challenges that will affect Gunnison River Basin water users over the next 40 years, all of which include concerns about the quantity and quality of available water. The proposed project is the solution to these challenges, including "addressing agricultural water shortages" and "developing a selenium management plan." The purpose of the proposed project is to improve agricultural water efficiency and to reduce selenium and salt loading in its delivery system; and ultimately in the Gunnison River Basin. LFDC's efforts will prove beneficial to CWCB's efforts to create a selenium reduction management plan and to accomplish many of its other goals that have been identified to address challenges in the Gunnison River Basin.

The proposed project will avoid adverse effects to environmental and recreational interests, and it will include an Environmental Assessment. A Biological Assessment will be conducted as part of the NEPA compliance, and will include an evaluation of all federally listed, state sensitive and special status species and habitat that may occur in the proposed project area.

The project will not unreasonably increase the risk of non-compliance with any interstate compact or the curtailment of existing water rights in the following ways:

- The project will not result in any increased diversion from Kiser and Ward Creeks, as that amount is dictated by water rights possessed by the ditch company.

- The project will not result in curtailment of existing water rights because the ditch company only calls for water when their right is not satisfied. This project has no effect on the amount of water at the ditch start, and thus will not affect the call on the water sources. It will likely allow for more water to remain in the water sources because of increased efficiency.

Last Updated: June 2018

Establishes Fiscal and Technical Feasibility, and Project Readiness:

LFDC's strategy for accomplishing the proposed project is to utilize the funds identified in the Water Plan Implementation bill (HB17-1248, $1,000,000 to provide technical assistance or improve agricultural efficiency) for projects that are successful applicants to the BOR Salinity Grant FOA; thus, the purpose of this grant request is to obtain the funds needed to leverage federal funding to increase the fiscal and technical feasibility of the proposed water project, by reducing salt loads (dollars per ton) to increase the chances of being awarded BOR Salinity Grant funds to complete final design, other indirect costs (See Task 2 in Exhibit A WPGrant SOW), and the construction portion of the project.

The Lake Fork Ditch Company plans to accomplish this by requesting:

- $150,000 in CWP Grant funds to cover 50% Design, as detailed in Task 1, Subtask 1 in Exhibit A WPGrant SOW.
- $75,000 in BOR Water Conservation Field Services Program funds to cover 75% Design and a portion of Final Design (Task 1, Sub-tasks 2 and 3)
- $4,180,394 in BOR Salinity Grant funds to cover the remaining Final Design (Task 1, Subtask 3), other indirect costs (Task 2), and construction (Task 3)

Therefore, the proposed project (totaling $4,405,394) will be entirely funded by CWP and BOR grant funding.

At the time the Gunnison BIP was updated in April 2015, Colorado River Basin Salinity Control Projects were identified as Tier 3 projects, which were not considered feasible by 2025. This information can be found on pg. 106 of the Gunnison BIP. The reasoning for this is that the projects were in the preliminary stages of planning and have not yet been successful in obtaining funds from the Bureau of Reclamation's (BOR's) Salinity FOA to cover design, other indirect costs, and construction on the proposed piping project. Section 1-9 of the SWSI states, "Addressing agricultural water shortages…is an important goal of the community; lack of financial resources is an impediment." LFDC is no stranger to a lack of financial resources, and they seek to overcome this "impediment" by leveraging federal funding to increase the fiscal and technical feasibility of designing and constructing the proposed project.

Funding for Salinity Reduction projects is evaluated primarily on dollars/ton of salinity reduction. In general, the lower the dollar/ton of the project, the more likely the project will be funded over competing projects. Current projections estimate that a "competitive" project will need to be around $58/ton. The cost per ton is amortized over 50 years (estimated project lifespan). Preliminary salt reduction numbers provided by the BOR indicate that the proposed project would eliminate 2,750 tons/year of salt loading into the Colorado River. Obtaining CWP Grant funds and BOR Field Services Grant funds to cover most of the design costs will put the project at about $56.76/ton under BOR's Salinity Grant FOA, significantly increasing the chances of being awarded the funds for remaining design work, other indirect costs, and project construction. It is also anticipated that other parts of this project will score well with the BOR Salinity Grant program, including that the proposed project will provide sufficient pressure for on-farm sprinkler irrigation at all turnouts.

This approach is well-justified, and is an appealing and unique collaborative effort that will not only involve/benefit LFDC and its users, but also CWCB, BOR, and their shared goals for greater water efficiency/quality in the Gunnison Basin.

Project design is estimated to begin January 2020, upon receipt of CWP and BOR grant funds.

Last Updated: June 2018

Related Studies

Please provide a list of any related studies, including if the water project is complementary to or assists in the implementation of other CWCB programs.

Delta Conservation District (DCD), through funding from CWCB, managed a program for ditch companies to receive Technical Assistance (TA) grants. These grants are to defray the cost of TA engineering services to prepare feasibility studies and FOA applications. Lake Fork Ditch Company submitted an application for these funds in the amount of $14,000 to explore the feasibility of the proposed Lake Fork Ditch Piping / Salinity Reduction Project. DCD approved the requested amount of $14,000 to complete the feasibility study. This CWP grant application is a direct result of the feasibility study. The feasibility study effort allows LFDC to confidently request grant funds for the proposed project.

Previous CWCB Grants, Loans or Other Funding

List all previous or current CWCB grants (including WSRF) awarded to both the Applicant and Grantee. Include: 1) Applicant name; 2) Water activity name; 3) Approving RT(s); 4) CWCB board meeting date; 5) Contract number or purchase order; 6) Percentage of other CWCB funding for your overall project.

There are no previous or current CWCB or WSRF grants that have been directly awarded to the Lake Fork Ditch Company (LFDC); only the funding from CWCB to the Delta Conservation District (DCD) to manage their TA Grant program – of which LFDC was a part. See “Related Studies” above for more information.

Taxpayer Bill of Rights

The Taxpayer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect your application.

There are no TABOR issues associated with the Lake Fork Ditch Company (LFDC) that would limit the amount of grant money the entity can receive, nor any that would affect this application.

Last Updated: June 2018

Submittal Checklist	
✓	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract.
Exhibit A	
✓	Statement of Work(1) **– Exhibit A WPGrant SOW**
✓	Budget & Schedule(1) **– Exhibit B WPGrant Budget and Schedule**
✓	Engineer's statement of probable cost (projects over $100,000) **– Exhibit A-1 SOPC**
***N/A**	Letters of Matching and/or Pending 3rd Party Commitments(1) ***Due to the nature of this grant request, the Lake Fork Ditch Company has not yet acquired matching funds, nor does it have any pending 3rd party commitments. See Exhibit A WPGrant SOW, "Purpose of CWP Grant Funding" for a more detailed explanation.**
Exhibit C	
✓	Map (if applicable)(1) **– Exhibit C-1 Lake Fork Piping Project Map**
✓	Photos/Drawings/Reports **– Exhibit C-2 Stockwater Turnout Figure**
✓	Letters of Support (Optional) **– Exhibit C-3 GBRT Letter of Support**
N/A	Certificate of Insurance (General, Auto, & Workers' Comp.) (2)
N/A	Certificate of Good Standing with Colorado Secretary of State(2)
N/A	W-9(2)
N/A	Independent Contractor Form(2) (If applicant is individual, not company/organization)
Engagement & Innovation Grant Applicants ONLY	
N/A	Engagement & Innovation Supplemental Application(1)

(1) Required with application.
(2) Required for contracting. While optional at the time of this application, submission can expedite contracting upon CWCB Board approval.

COLORADO
Colorado Water Conservation Board
Department of Natural Resources

Colorado Water Conservation Board

Water Plan Grant - Exhibit B
Budget and Schedule

Date: February 1, 2019

Name of Applicant: Lake Fork Ditch Company

Name of Water Project: Lake Fork Ditch Piping / Salinity Reduction Project

Project Start Date: January 1, 2020

Project End Date: September 30, 2022

Task No.	Task Description	Task Start Date	Task End Date	Grant Funding Request	Match Funding	Total
1	Project Design	1/1/2020	7/30/2021	$150,000	$131,690	$281,690
2	Other Indirect Costs (NEPA, Construction Management/Contracts, Habitat, Audit)	1/1/2020	9/30/2022	$0	$602,590	$602,590
3	Construction (Labor, Supplies, Materials, and Equipment)	10/30/2021	4/1/2022	$0	$3,521,114	$3,521,114
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
						$0
			Total	$150,000	$4,255,394	$4,405,394

COLORADO
Colorado Water Conservation Board
Department of Natural Resources

Colorado Water Conservation Board

Water Plan Grant - Detailed Budget Estimate
Fair and Reasonable Estimate

Date:* 1-Feb-19
Name of Applicant:* Lake Fork Ditch Company
Name of Water Project: Lake Fork Ditch Piping / Salinity Reduction Project

Construction/Engineering

	Water Consultants					Subcontracts							Project Total	Cost Share	
	Project Manager	Project Engineer (Water Resources PE)	EIT (Water Resources Focus)	Ecologist		Survey	Cultural Resources	Easements and other Legal	Habitat Replacement Specialist	Accounting Firm	Construction General Contractor			CWCB Funds	Other Matching Funds
	$ 185	$ 115	$ 105	$ 120	Subtotal	Lump sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Subtotal			
Task 1 - Project Design	Estimated Hours					Estimated									
50% Design	180	360	400		**$ 116,700**	$ 15,000		$ 18,300				**$ 33,300**	$150,000	$150,000	
75% Design	80	220	245.2		**$ 65,845**							**$ -**	$65,845		$65,845
Final Design	120	220	174.7		**$ 65,845**							**$ -**	$65,845		$65,845
Task 2 - Other Indirect Costs															
NEPA Compliance and Cultural Resources	100			769.5	**$ 110,845**		$ 30,000					**$ 30,000**	$140,845		$140,845
Construction Management and Contracts	300	850	938		**$ 251,689**	$ 30,000						**$ 30,000**	$281,689		$281,689
Habitat Replacement	80			510	**$ 76,056**				$ 100,000			**$ 100,000**	$176,056		$176,056
Audit					**$ -**					$ 4,000		**$ 4,000**	$4,000		$4,000.00
Task 3 - Construction (Labor, Supplies, Materials, and Equipment)															
Construction											$ 3,521,114	**$ 3,521,114**	$3,521,114		$ 3,521,114
Subtotal Hours	860	1650	1757	1280	**5,547**										
Subtotal Labor/ Subcontractor cost	$159,100	$189,750	$184,529	$153,601	**$686,980**	$ 45,000	$ 30,000	$ 18,300	$ 100,000	$ 4,000	$ 3,521,114	**$ 3,718,414**	$4,405,394		
Subcontractor Administration Fee @ 5%													$0		
Other Direct Costs (see below)													$0		
TOTAL													**$4,405,394**	$150,000	$ 4,255,394

NOTES:
***When the application has been approved by the Board, and this budget document is being submitted for PO or contract processing, the "Name of Applicant" field MUST be changed to "Name of GRANTEE" and remove the DATE field.**

Ensure that pagination is included and correct, i.e., Page 1 of 2, Page 2 of 2, etc.

Exhibit C-3 GBRT Letter of Support

January 22, 2019

Mr. Alexander Funk
Colorado Water Conservation Board – Water Plan Grant
1313 N. Sherman Street, Ste. 718
Denver, CO 80203

RE: Gunnison Basin Roundtable Letter of Support, Lake Fork Ditch Piping / Salinity Reduction Project Water Plan Grant Proposal

Dear Mr. Funk,

This letter is to inform you of the Gunnison Basin Roundtable's support for the **Lake Fork Ditch Piping / Salinity Reduction Project**, submitted by the **Lake Fork Ditch Company**.

The proposed Piping/Salinity Reduction project aligns with the Gunnison Basin Implementation Plan and Water Plan Goals in the following ways:

1. The project will reduce the levels of salinity in numerous stream segments in the Lower Gunnison Basin and will improve water quality in the Gunnison Basin.

2. The project will support a strong environment that includes healthy watersheds, rivers and streams, and wildlife, and will allow for more efficient and effective water infrastructure promoting smart land use; supporting viable and productive agriculture.

We thank you for your consideration of this important project.

Sincerely,

Kathleen Curry

Kathleen Curry, Gunnison Basin Roundtable Chair

54542 US Highway 50

Gunnison, CO 81230

970-209-5537