



Wyoming State Water Quality Funding Application 2021-22 Biennium

THIS FORM MUST ACCOMPANY ALL APPLICATIONS

Conservation District: Bohica Conservation District

Contact Person: Mr. Harry Bass

Project Name: Monitoring & Educational Awareness – Unicorn River

Watershed or Area of Project: Unicorn River Watershed

Surface Water(s) impacted or affected: Unicorn River and Tributaries

Water Quality Impairment (if applicable): Sediment

Year Water Listed (if applicable): 2006

Timeframe for Project (Projected Start and End Dates): July 2020 through December 2022

Amount of State Funding Requested: \$20,000

Amount of cash and in-kind Match Provided: \$11,100

PLEASE NOTE: Minimum match required is 30%. If more than 30% match is provided, district must match at that higher level and account for the match in interim and final reports.

(Local cash or in-kind contributions qualify as match, as well as, federal grant funds such as 205j or 319. Other state WDA funds cannot be used as match.)

Project Application must include the following:

- **Project Goals** (Is there a Steering Committee, how does this project connect with the Water Quality Management Plan, if one exists? Include description of land mass and number of citizens affected, and if relevant a statement related to what is the outcome if the project is not accomplished.)
- **Project Objectives and Tasks**
- **Milestone Chart for Task Implementation**
- **Evaluation and Monitoring Methods**
- **Coordination with other entities**
- **Budget** – (You must use the budget forms provided and must also include budget justification information providing rationale for both project costs for grant funding and match.)

Signature of Responsible Person (may be electronic): Harry Bass

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**Please email an electronic copy of your application along with this form to:
Kelly Brown at WACD at kelly.brown@conservevy.com AND Justin Caudill at WDA at justin.caudill@wyo.gov**

Project Goals:

Implementation of the goals and objectives set forth in the Unicorn River Steering Committees Water Quality Watershed Plan for the fiscal years of 2020-2022. This project will: 1) Provide education the public within our district of water quality issues and concerns, 2) Water quality monitoring will be conducted along listed stretches of the river, 3) Best Management Practices (BMPs) will be coordinated with willing private landowners to control sediment inputs into the watershed, 4) Provide data demonstrating any and all improvements to the water quality for the Unicorn River Watershed. The project area involves three private landowners owning 4,500 acres combined, three miles of river and or tributary banks, with potential water quality impacts to 25 miles of river downstream. If this project is not accomplished at this time there will be no known actions to decrease sediment inputs into the listed stretch of the river, and there would be no trainings designed to improve and or support irrigators and or industry efforts to improve water usage and reclamation efforts.

Milestone Chart: See attached spreadsheet

Project Objectives & Tasks:

Budget Table: See attached spreadsheet

Budget Justification:

Administration Objectives:

Task #1: This project will be administered by BCD staff, providing yearly plans of work, tracking and progress reports to the Wyoming Department of Agriculture (WDA) for approval of expenditures and progress made towards achieving our goals and objectives. The BCD staff will also be responsible for keeping the BCD Board of Supervisors and Unicorn River Watershed Steering Committee informed and updated on the progress of this project.

Task 1 Budget Justification

Personnel:

- District Manager – 100hrs x \$17.00/hrs = \$1,700 (In-kind match)

Volunteers/Public:

- BCD Board – 25hrsx \$15.52/hrs = \$325.00 (In-kind match)
- Steering Committee – 21hrs x \$15.52/hrs = \$326.00 (in-kind match)

Administrative Objective Total:

WDA = \$0.00

In-kind Match = \$2,351.00

Water Quality Monitoring Objective:

[Type text]

Task #2: Currently the Unicorn River is listed on the WY DEQ 303 (d) list for an impairment of the sediment standard. District staff have been working with and updating landowners on designing and implementing Best Management Practices (BMPs) to improve irrigation practices on the impaired reach of the river, with the goal of decreasing sediment input into the river. Three landowners have completed or are in the process of completing initial round of BMPs. With the completion of BMPs water quality monitoring will be conducted to determine the effects of the practices, it is hoped that the sampling will provide data indicating decreased sedimentation working towards the possible de-listing of the river.

Task 2 Budget Justification

Personnel:

- District Manager – 6 hrs x \$17.00/hr = \$952.00 (In-kind match)

Contractual:

- Engineering Done Right LLC
 - o Monitoring 2020
 - Contracted water quality monitoring = \$4,000 (WDA funds)
 - o Monitoring 2021
 - Contracted water quality monitoring = \$6,500 (WDA funds)
 - o Monitoring 2022
 - Contracted water quality monitoring = \$6,500 (WDA funds)

Total Water Quality Monitoring Objective:

WDA Funds = \$17,000

In-kind Match = \$952.00

Watershed Plan Implementation & Awareness Objective:

Task #3: Host Irrigation Improvement Workshop for local landowners related to reducing runoff and sediment control, centered on effective utilization of available water.

Task 3 Budget Justification

Personnel:

- District Manager – 32 hrs x \$17/hr = \$544.00 (In-kind match)

Contractual:

- Presenters = \$1,500 (WDA funds)

Volunteers/Public:

- BCD Board – 20 hrs x \$13.00/hr = \$260.00 (In-kind match)
- Public – 20 public x 6hrs – 120hrs x \$15.00/hr = \$1,800.00 (In-kind match)

Other:

- Advertisement - \$50.00 (Cash match)

Total Watershed Plan Imp. & Awareness Objective:

WDA Funds = \$1,500

In-kind Match = \$2,604

Cash Match - \$50.00

Task #4: Host a Reclamation Workshop for Industry, highlighting treatments to properly restore disturbed sites to their native conditions to reduce soil erosion.

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Task 4 Budget Justification

Personnel:

- District Manager – 24hrs x \$17.00/hr = \$408.00 (In-kind match)

Contractual:

- Presenters = \$1,500 (WDA funds)

Volunteers/Public:

- BCD Board – 15hrs x \$13.00/hr = \$195.00 (In-kind match)

Other:

- Advertisement - \$50.00 (Cash match)

Reclamation Workshop Objective:

WDA Funds = \$1,500

In-kind Match = \$603.00

Cash Match - \$50.00

Task #5: BCD will communicate to the general public on the conditions of the Unicorn River Watershed; updates and education will be provided through public meetings, local newspapers, district newsletters, and on the districts website.

Task 5 Budget Justification

Personnel:

- District Manager – 150hrs x \$17.00/hr = \$2,550.00 (In-kind match)

Volunteers/Public:

- BCD Board – 30hrs x \$13.00/hr = \$390.00 (In-kind match)
- Public – 20 public x 4hrs (4 meetings-1hr each) = 80hrs x \$15.00/hr = \$1,200.00 (In-kind match)

Other:

- Advertisement - \$150.00 (Cash match)
- Postage - \$200.00 (Newsletters, meeting reminders, etc..) (Cash match)

Public Outreach Objective:

WDA = \$0.00

In-kind match = \$4,140.00

Cash Match = \$350.00

Evaluation and Monitoring Methods

Management of the grant will be monitored by reporting to the WDA on the progress and accomplishments of the project. Meeting of the local Steering Committee and BCD Board will be recorded in the meeting minutes.

Engineering Done Right LLC will submit water quality monitoring reports to the BCD. These reports will in turn be submitted to WY DEQ for their records.

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Implementation of the Unicorn River Watershed Water Quality Management Plan will be assessed by monitoring and analyzing water quality samples, recording BMPs completed within the District by private landowners and industry, and assessing if these BMPs were successful in improving water quality.

Coordination with other Entities

It is very important for the success of this grant and the BCD's water quality goals that WY DEQ, WDA, the local Steering Committee, and the public know what the District is doing to improve water quality. Most importantly it is imperative that WY DEQ and other agencies involved with water quality regulation(s), funding and assessment(s) be aware of the status of our water quality monitoring and educational programs. This will assist in the success of our project and implementation of our watershed plan.

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