



## Wyoming State Water Quality Funding Application 2019-20 Biennium

THIS FORM MUST ACCOMPANY ALL APPLICATIONS

Conservation District: Bohica Conservation District

Contact Person: Mr. Harry Sundance, Bohica District Manager

Project Name: Monitoring & Educational Awareness of the Really Muddy River Watershed

Watershed or Area of Project: Really Muddy River Watershed

Surface Water(s) impacted or affected: The Really Muddy River

Water Quality Impairment (if applicable): Sediment

Year Water Listed (if applicable): 2006

Timeframe for Project (Projected Start and End Dates): July 2019 through October, 2021

Amount of State Funding Requested: \$20,000.00

Amount of cash and in-kind Match Provided: \$11,996

**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**
- **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): \_\_\_\_\_

**Please email an electronic copy of your application along with this form to:**

**Kelly Brown at WACD at [kelly.brown@conservewy.com](mailto:kelly.brown@conservewy.com) AND Justin Caudill at WDA at [justin.caudill@wyo.gov](mailto:justin.caudill@wyo.gov)**

## **Project Goals:**

To implement the goals and objectives set forth in the Really Muddy River Watersheds Quality Watershed Plan for the Bohica Conservation District (BCD) for the fiscal years 2019-2021. This project will; 1) Educate the public within our district of our water quality issues, 2) Water quality monitoring of listed stretches on the river, 3) Implementation of Best Management Practices (BMP) on private lands working towards delisting of the sediment impaired river to improve water quality within the district 5) Provide data demonstrating any and all improvements to the water quality for the Really Muddy River.

**Milestone Chart:** see attached spreadsheet

## **Project Objectives and Tasks:**

**Budget table:** see attached spreadsheet

## **Budget Justification:**

### **Administration Objective:**

**Task #1:** The project will be administered by the staff of the BCD. We will provide 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 and Really Muddy River Watershed Steering Committee informed and updated of the progress of this grant.

#### **Task 1 Budget Justification**

##### Personnel:

-District Manager – 100hrs x \$17.00/hr = \$1,700.00 (In-kind Match)

##### Volunteers/Public

-BCD Board- 25hrs x \$13.00/hr = \$325.00 (In-kind Match)

-Steering Committee- 21hrs x \$15.52/hr = \$326.00 (In-kind Match)

#### **Total Administrative Objective:**

**WDA - \$0.00**

**In-kind Match - \$2351.00**

### **Water Quality Monitoring Objective:**

**Task #2:** Currently the Really Muddy River is listed on the Wyoming Department of Environmental Quality (WDEQ) 303(d) list for an impairment of the sediment standard. District staff have been informing and working with landowners to implement BMPs to improve irrigation practices on the impaired reach of the river. Landowners have completed or are in the process of completing initial rounds of BMPs. With the installation of these BMPs, and the following water quality monitoring of the effects these practices will have on water quality, it is hoped that water sampling will provide the data needed to de-list our sediment impaired river.

#### **Task 2 Budget Justification**

Last update: November 3, 2014

Personnel:

-District Manager – 56hrs x \$17.00/hr = \$952.00 (In-kind Match)

Contractual:

-Yellowstone Engineering LLC

-Monitoring Season 2019

-Contract for Water Monitoring \$4,000 (WDA Funds)

-Monitoring Season 2020

- Contract for Water Monitoring \$6,500 (WDA Funds)

-Monitoring Season 2021

- Contract for Water Monitoring \$6,500 (WDA Funds)

**Total Water Quality Monitoring Objective:**

**WDA Funds- \$17,000**

**In-kind Match- \$952.00**

**Watershed Plan Implementation and Awareness Objective:**

**Task #3:** Host an Irrigation Improvement Workshop for local landowners discussing ways to decrease amount of runoff of sediment and effectively utilize available water.

**Task 3 Budget Justification**

Personnel:

-District Manager – 32hrs x \$17.00/hr = \$544.00 (In-kind Match)

Contractual:

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

Volunteers/Public:

-BCD Board – 20hrs 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)

**Task #4:** Host a Reclamation Workshop to industry, highlighting treatments to properly restore disturbed sites to their native condition which will reduce soil erosion.

**Task4 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)

-Public – 15 public x 4hrs – 60 hrs x \$15.00/hr = \$900.00 (In-kind Match)

Other:

-Advertisement - \$50.00 (Cash Match)

**Task #5:** The BCD will communicate to the general public the condition of the Really Muddy River Watershed. As well as, educate and update them about water quality issues and the progress of the watershed implementation through public meetings, local newspapers, and the District's newsletters & website.

## **Task 5 Budget Justification**

### Personnel:

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

### Volunteers/Public:

-BCD Board – 30 hrs 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 (Cash Match)

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

### **Total Watershed Plan Implementation and Awareness Objective:**

**WDA Funds- \$3,000**

**In-kind Match- \$8,247.00**

**Cash Match- \$450.00**

### **Evaluation and Monitoring Methods**

Administration will be monitored by reporting to the WDA on the progress and accomplishments of the project. The meeting of the Steering Committee and BCD Board will be recorded in meeting minutes.

Yellowstone Engineering LLC will submit water quality monitoring reports to the BCD. These reports will in turn be submitted to WDEQ for their records.

Implementation of the Really Muddy River Watershed Water Quality Management Plan will be assessed by monitoring and analyzing water quality, 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 WDEQ, WDA, the local steering committee, and the public know what the District is doing to improve water quality. Most importantly it is imperative that WDEQ and other agencies involved with water quality regulation(s), funding and assessments(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.