

Section I: General Information

Project Title Dyce Creek

Project Sponsor Information

Name Beaverhead Watershed Committee (Beaverhead CD) Tax Identification Number 81-0438160

Address 420 Barrett St Website www.beaverheadwatershed.org

City Dillon State Montana Zip Code 59725 County Beaverhead

Primary Contact Katie Tackett

Title Watershed Coordinator

Phone Number 406-988-0191

Fax Number _____

E-mail Address beaverheadwatershed@gmail.com

Signature Katie Tackett

Signatory Beaverhead CD - Carl Malesich

Title Vice Chairman

Phone Number 406-683-3802

Fax Number _____

E-mail Address beaverheadwatershed@gmail.com

Signature Carl Malesich

Project Funding

319 Funds Requested \$10,250.00

Does the project sponsor have any open 319 contracts? No

Matching Funds

State Cash Match \$5,600.00

Local Cash Match _____

In-Kind Match \$3,853.00

Total Match \$9,453.00

Other Federal Funds _____

Total Project Budget \$19,703.00

Administrative Fee \$1,025.00

Project Title _____

DEQ Contract Number _____

319 Award _____

Projected Closing Date _____

Project Title _____

DEQ Contract Number _____

319 Award _____

Projected Closing Date _____

Project Location

Which WRP does this project implement? Beaverhead Watershed

What is the status of the WRP? DEQ Accepted

Does the project address impairments in a TMDL? Yes

12 Digit HUC #(s) MT41B002_140

(1) Waterbody Name from 2014 List of Impaired Waters
Dyce Creek

Activity 1 Name Culvert Replacement and stream crossing repair

Latitude (1) 45.336219 Longitude (1) -112.903061

(1) Probable Cause(s) of Impairment to be addressed (ex. metals)
Sediment from roadway

Activity 2 Name _____

Latitude (2) _____ Longitude (2) _____

(2) Waterbody Name from 2014 List of Impaired Waters _____

(2) Probable Cause(s) of Impairment to be addressed (ex. metals) _____

Section II: Project Description

Goals and Objectives: Describe the overall goal and specific objectives for this project.

Improve an undersized and failing culvert to reduce sediment on the East Fork of Dyce Creek. Repair and install a culvert on two stream crossings on the East Fork of Dyce Creek. Repair and armor a stream crossing on the East Fork of Dyce Creek.

Methods: Describe the approach selected to address/correct the problem(s), e.g. types of BMPs to be installed, and other important activities.

Crossing #1 - Replace a failing culvert with a new larger sized culvert adequate to handle the flows in the East Fork of Dyce Creek. Also install a series of downstream step pool to eliminate a six foot drop off to increase the stability of the culvert and allow better fish passage.
Crossing #2 and #3 - Replace existing stream fords with new culverts. Water would be re-routed into an abandoned channel to facilitate the best crossing locations.
Crossing #4 - An existing stream ford would be armored with appropriate rock.

Summary: Provide a brief summary of the project.

The project is located on private property in the middle of a BLM allotment in the East Fork of Dyce Creek. Montana Fish Wildlife and Parks has identified the East Fork as a priority westslope cutthroat habitat area. In 2012, the BLM completed an Environmental Assessment of the Dyce Creek allotment. This project will address sediment issues by replacing culverts and constructing hardened crossings.

In the assessment BLM and MFWP identified Crossing #1 as a priority project. BLM has received permission by the landowner to replace the culvert. This will improve the stream crossing by replacing the undersized culvert with a culvert set at the correct grade and step pools installed on the downstream end. Crossings #2 and #3 are currently stream fords that are highly erosive. These would be replaced with properly sized culverts. Crossing #4 is an existing ford, this would be armored to create a hardened crossing. All the stream crossing improvements would divert sediment originating from road runoff.

Monitoring: Describe the monitoring you will conduct to measure project effectiveness.

Monitoring would be done by BLM and MFWP through stream assessments and fish surveys.

Education and Outreach: Briefly describe the education and outreach component of this project and the target audience.

This project would be presented at a Beaverhead Watershed Committee meeting as well as press releases about the project. This project could also be used as a starting project for a volunteer water monitoring group. Currently the BWC does not have a volunteer water monitoring group.

Partners and Roles: Identify the project partners and their roles.

Partner	Role
Bureau of Land Management	Landowner, active partner
Private Landowner	Property Access
Montana Fish Wildlife and Parks	Technical assistance, active partner

Section III: Scope of Work

Task 1 Title Crossing #1 Culvert Replacement

319 Funds
Non-Federal Match
Other Federal Funds
Total Cost

Description

Crossing #1- Replace a failing culvert with a new larger sized culvert adequate to handle the flows in the East Fork of Dyce Creek. Also install a series of downstream step pool to eliminate a six foot drop off to increase the stability of the culvert and allow better fish passage.

Timeline As soon as possible

Task 2 Title Crossing #2 and #3

319 Funds
Non-Federal Match
Other Federal Funds
Total Cost

Description

Crossings #2 and #3 are currently stream fords that are highly erosive. These would be replaced with properly sized culverts.

Timeline As soon as possible

Task 3 Title Crossing #4

319 Funds
Non-Federal Match
Other Federal Funds
Total Cost

Description

Crossing #4 is an existing ford, this would be armored to create a hardened crossing.

Timeline As soon as possible

Task 4 Title Project Coordination

319 Funds
Non-Federal Match
Other Federal Funds
Total Cost

Description

40 hours of project coordination + mileage to meet with contractors and planning team on-site.

40 hours @ \$20/hr = \$800

Mileage 50 miles round trip 4 trips @ 57.5 cents/mile = \$115

Timeline As soon as possible

Task 5 Title Establishing a volunteer water monitoring team

319 Funds
Non-Federal Match
Other Federal Funds
Total Cost

Description

Coordination time - 40 hours @ \$20/hour = \$800

Volunteers - 5 volunteers for 40 hours each @ \$17.44 = \$3,488

Materials - \$500

Timeline After project completion

7/27/15

Task 6 Title Grant Administration

319 Funds
Non-Federal Match
Other Federal Funds
Total Cost

Description

10% of the grant project request.
DEQ project request \$10,250 X 10%=\$1,025

Timeline _____

Task 7 Title _____

319 Funds
Non-Federal Match
Other Federal Funds
Total Cost

Description

Timeline _____

Task 8 Title _____

319 Funds
Non-Federal Match
Other Federal Funds
Total Cost

Description

Timeline _____

Task 9 Title _____

319 Funds
Non-Federal Match
Other Federal Funds
Total Cost

Description

Timeline _____

Comments: Use the space provided for any additional information that may not have been captured elsewhere in this proposal form.