

**FUTURE FISHERIES IMPROVEMENT PROGRAM
GRANT APPLICATION**

(please fill in the highlighted areas)

I. APPLICANT INFORMATION

A. Applicant Name: Big Blackfoot Chapter of Trout Unlimited

B. Mailing Address: PO Box 1

C. City: Ovando State: MT Zip: 59854

Telephone: 406.240.4824

D. Contact Person: Rylen Neudecker—same as above

Address if different from Applicant:

City: State: Zip:

Telephone:

E. Landowner and/or Lessee Name (if other than Applicant): University of Montana—Bandy Ranch; Wym and Jan Portman

Mailing Address: 32 Campus Drive

City: Missoula State: MT Zip: 59812

Telephone: 406.243.5521

II. PROJECT INFORMATION*

A. Project Name: Shanley Creek Restoration Project

River, stream, or lake: Shanley Creek

Location: Township 15N Range 14W Section 3 & 4

County: Powell

B. Purpose of Project:

The purpose of the project is restore the riparian health and aquatic habitats in Shanley Creek by decommissioning ~ one mile of road located immediately adjacent to the stream and removing or replacing three undersized and/or poorly functioning stream crossings.

C. Brief Project Description:

III. PROJECT BENEFITS*

A. What species of fish will benefit from this project?:

Primarily westslope cutthroat trout, and to a lesser extent bull trout will benefit.

B. How will the project protect or enhance wild fish habitat?:

The quality of both spawning and rearing habitats in this stream is partially related to riparian health conditions and the habitat functions provided by instream wood. The large reduction of instream wood brought on by road encroachment has resulted in "simplified" habitat which leads to an overall reduction in stream carrying capacity for all native fish. Over time, the proposed project will reverse the process of habitat simplification brought on by a reduction of instream wood and correct other ecological impairment in areas of excessive road encroachment. Besides improving wood recruitment, the project will increase shading by replacing roads with trees, decrease sediment input by eliminating streamside gravel roads and instream culverts and their maintenance, and improve fish passage by removing culverts suspect in their ability to pass fishes during some times of the year.

C. Will the project improve fish populations and/or fishing? To what extent?:

Yes. Shanley Creek flows into Cottonwood Creek and ultimately a section of the Blackfoot River that receives a high amount of fishing pressure. This project is designed to eliminate limiting factors hindering the recruitment of native fish.

D. Will the project increase public fishing opportunity for wild fish and, if so, how?:

Yes, by improving spawning and rearing habitat and recruitment sources for westslope cutthroat trout of the Blackfoot River.

E. If the project requires maintenance, what is your time commitment to this project?:

Reclaimed road segments are not expected to need maintenance. Both landowners have committed to signing a 20-year agreement. New bridge has a life expectancy of 50+ years.

F. What was the cause of habitat degradation in the area of this project and how will the project correct the cause?:

The loss of large wood recruitment to the stream, culvert crossings, and chronic sediment runoff problems will be corrected by implementing this project.

G. What public benefits will be realized from this project?:

This project is consistent with the mission of FWP, state and federal recovery actions for bull trout as well as many other cutthroat conservation projects in the Blackfoot Watershed and western Montana. Public benefits include: 1) an improved status of native fish; 2) improved water quality in the downstream direction; 3) improved instream and riparian habitat conditions; and 4) improved migration corridors.

H. Will the project interfere with water or property rights of adjacent landowners? (explain):

No

I. Will the project result in the development of commercial recreational use on the site?: (explain):

No

J. Is this project associated with the reclamation of past mining activity?:

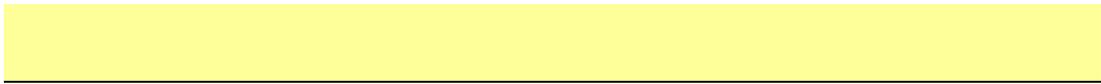
No

Each approved project sponsor must enter into a written agreement with the Department specifying terms and duration of the project.

IV. AUTHORIZING STATEMENT

I (we) hereby declare that the information and all statements to this application are true, complete, and accurate to the best of my (our) knowledge and that the project or activity complies with rules of the Future Fisheries Improvement Program.

Applicant Signature:  Date: 11-25-2014

Sponsor (if applicable): 

***Highlighted boxes will automatically expand.**

**Mail To: Montana Fish, Wildlife & Parks
Habitat Protection Bureau
PO Box 200701
Helena, MT 59620-0701**

**Incomplete or late applications will be returned to applicant.
Applications may be rejected if this form is modified.**

WORK ITEMS (ITEMIZE BY CATEGORY)	NUMBER OF UNITS	UNIT DESCRIPTION*	COST/UNIT	TOTAL COST	CONTRIBUTIONS			
					FISHERIES REQUEST	IN-KIND SERVICES	IN-KIND CASH	TOTAL
Personnel								
Survey	6	hours	\$50.00	\$ 300.00		\$300		\$ 300.00
Design	10	hours	\$90.00	\$ 900.00			\$ 900.00	\$ 900.00
Permitting	10	hours	\$40.00	\$ 400.00		\$400		\$ 400.00
Oversight	40	hours	\$50.00	\$ 2,000.00		2,000.00		\$ 2,000.00
Labor	50	hours	\$45.00	\$ 2,250.00	1,250.00		1,000.00	\$ 2,250.00
Travel								
Mileage	400	miles	\$0.58	\$ 232.00		232.00		\$ 232.00
Construction Materials								
Rock armor (8"-12")	23	cubic yards	\$30.00	\$ 690.00			\$690	\$690
Precast concrete abutments	2	each	\$1,600.00	\$ 3,200.00	\$1,600		\$1,600	\$3,200
Stringers	5	each	\$500.00	\$ 2,500.00	-		2,500.00	\$2,500
Connectors	LS	LS	\$2,000.00	\$ 2,000.00	500.00		1,500.00	\$2,000
Decking	473	SF	\$10.00	\$ 4,730.00	\$3,000		\$1,730	\$4,730
Equipment								
Hydraulic Excavator	140	hours	\$125.00	\$ 17,500.00	5,000.00		12,500.00	\$ 17,500.00
Dump Truck	30	hours	\$90.00	\$ 2,700.00	500.00		2,200.00	\$ 2,700.00
Mobilization								
Mob/demob	1	lump sum	\$500.00	\$ 1,000.00	250.00		750.00	\$ 1,000.00
TOTALS				\$ 40,402.00	\$ 12,100.00	\$ 2,932.00	\$ 25,370.00	\$ 40,402.00

MATCHING CONTRIBUTIONS

CONTRIBUTOR	IN-KIND SERVICE	IN-KIND CASH	TOTAL
University of Montana	\$ -	\$ 10,000.00	\$ 10,000.00
USFWS		\$ 7,000.00	\$ 7,000.00
Westslope Chapter of Trout Unlimited		\$ 7,000.00	\$ 7,000.00
BBCTU	\$ 2,932.00	\$ 1,370.00	\$ 4,302.00

To: Michelle McGree

From: Ron Pierce, Fisheries Biologist Blackfoot River Basin

Date: 11-26-2014

Subject: Future Fisheries Applications

In addition to writing the Douglas Creek FF application, I've reviewed five TU-related Future Fisheries application from my work area. These five projects include three on the USFS lands (Theodore Creek, Yukon Creek, Stonewall Creek), one project in cooperation with the University of Montana (Shanley Creek), and one found entirely on private land (West Fork of Jacobsen Creek). From my review, all projects are worthy of support; all have some native fish value.

The FS projects are important because they represent an ongoing broad-level effort to correct road impacts at regional scale of the upper Blackfoot Basin. These are legacy projects that should specifically benefit westslope cutthroat trout. The Shanley Creek project is an opportunity to correct lingering riparian/fisheries issues on the U of M Bandy Ranch. The West Fork of Jacobsen Creek should complete stream restoration work on that property.

Please let me know if you have any questions.