

**Environment and Natural Resources Trust Fund
2009 Phase 1 Request for Proposals (RFP)**

LCCMR ID: B15.07

Project Title: MeCC - Stream Habitat Restoration (2.9)

Total Project Budget: \$ \$500,000

Proposed Project Time Period for the Funding Requested: July 2009 - June 2011 (2 yrs)

Other Non-State Funds: \$ 500,000

First Name: Mike

Last Name: Halverson

Sponsoring Organization: DNR

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Region:

Metro

County Name:

Washington

City / Township:

Summary: Project will restore approximately 2 miles of designated trout stream. Priority will be based on resource mapping, previous disturbance, potential partners, and on streams with existing public angler access.

Main Proposal: 0808-1-029-proposal-2.6 Main Proposal.doc

Project Budget: 0808-1-029-budget-2.6 Project Budget.doc

Qualifications: 0808-1-029-qualifications-2.6 Project Manager.doc

Map: 0808-1-029-maps-2_6 map.jpg

Main Proposal - Metropolitan Conservation Corridors (2.6)

Partner Project Title: Fish and Wildlife Stream Habitat Restoration (2.6)

Project Manager: Mike Halverson

Affiliation: MN DNR – Fish and Wildlife, Section of Fish Management

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Location. Projects may occur anywhere within the mapped corridor area including, but not limited to, Dakota County (Vermillion River), Scott County (Eagle Creek), and Washington County (Browns Creek) depending on priorities, risk of development, and potential partners.

I. PROJECT STATEMENT

Potential stream habitat restoration projects would be identified as part of the overall project outreach. Prioritization of habitat restoration efforts would be based on resource mapping and joint decisions made by the coalition of groups involved in this overall effort. Fish & Wildlife will focus on trout stream habitat restoration projects that have the following characteristics: stream channel has been altered due to ditching or some other manmade influence, affected area allows angler access through either fee title or a permanent easement, and affected area allows access for DNR personnel and constituent cooperators to do habitat improvement projects.

This project will complement projects funded in the past with capital bonding, dedicated funding, and LCMR dollars. Habitat Restoration on trout streams enhances fish populations and angler satisfaction by introducing new in-stream cover and by restoring the original sinuosity of streams. The monies will be used to improve stream habitat on approximately one mile of designated trout stream.

II. DESCRIPTION OF PROJECT RESULTS

Result 1: Stream Habitat Restoration **Budget:** \$500,000

This project will provide funding to restore stream habitat on approximately 1 mile of designated trout stream, and leverage restoration of another 1 mile of designated trout stream through partner funds. Projects may occur anywhere within the mapped corridor area including, but not limited to, Dakota County (Vermillion River), Scott County (Eagle Creek), and Washington County (Browns Creek), depending on priorities and potential partners. Collaborative partnerships will be promoted in order to restore key reaches of trout streams. Project money is expected to generate additional funded restoration, for a grand total of 2 miles of restored stream habitat.

Summary Budget Information for Result 1:	Trust Fund Budget:	\$ 500,000
	Amount Spent:	\$ 0
	Balance:	\$ 500,000

Deliverable	Completion Date	Budget	Status
1. Two miles of restored stream habitat	June 30, 2011	\$500,000	

III. PROJECT STRATEGY AND TIMELINE

A. Project Partners

Metro Conservation Corridors partners as well as local units of government, fishing groups, landowners, etc.

B. Project Impact

Fish & Wildlife will focus on trout stream habitat restoration projects that have the following characteristics: stream channel has been altered due to ditching or some other manmade influence, affected area allows angler access through either fee title or a permanent easement, and affected area allows access for DNR personnel and constituent cooperators to do habitat improvement projects. Ultimately projects will be dependent on first obtaining fee title or permanent easement for angler access and habitat management.

C. Time

Two years – July 1, 2009 through June 30, 2011

D. Long-Term Strategy

Whenever possible, the DNR is dedicated to restoring original sinuosity and improving habitat on designated trout streams within newly acquired Aquatic Management areas.

This project is part of a long-term acquisition strategy identified in “Minnesota’s Aquatic Management area Acquisition Plan 2008-2033”. This plan came as a report to DNR – Fish and Wildlife, focusing on “Shoreline Habitat, Angling, and Clean Water For Our Future”. The importance of shoreland protection and restoration is repeatedly mentioned as a land protection option in the Minnesota Conservation and Preservation Plan.

Project Budget

Fish and Wildlife Stream Habitat Restoration (2.6)

IV. TOTAL PROJECT REQUEST BUDGET

BUDGET ITEM	AMOUNT	% FTE
Restoration: Two miles of designated trout stream within Aquatic Management Areas. This includes, but is not limited, to restoring stream sinuosity and improvement of trout habitat.	\$ 500,000	
TOTAL PROJECT BUDGET REQUEST TO LCCMR	\$ 500,000	

V. OTHER FUNDS

SOURCE OF FUNDS	AMOUNT	Status
Remaining \$ From Previous Trust Fund Appropriation (if applicable): Phase III (2007)	\$ 0	Spent
Other Non-State \$ Being Leveraged During Project Period: No other non-state funding is secured at this time.	\$ -	Pending
Other State \$ Being Spent During Project Period: Additional State Funding may be used for stream restoration, such as State Bonding, Heritage, General Fund, RIM-CHM, etc	\$ -	Pending
In-kind Services During Project Period: No in-kind services have been identified.	\$ -	
Past Spending: Phase III (2007) \$65,000 ETF and \$150,000 non-state	\$ 215,000	Spent

Project Manager - Fish and Wildlife Stream habitat Restoration (2.6)

Stream Habitat Restoration

The DNR is dedicated to restoring original sinuosity to trout streams whenever possible. In conjunction with natural flow regimes, healthy streams have stable banks, high water quality, natural shapes, variation in depths, water velocities, streambed substrates, and types of cover, connectivity to other water bodies, and healthy floodplains. When combined, these factors create diverse habitats, which in turn encourage diverse fish, amphibian, mussel, invertebrate, and plant communities to thrive in Minnesota's rivers. Trout streams are exceptionally vulnerable to manmade alterations.

Project Manager Qualifications

Mike Halverson, Project Manager

Mike Halverson is a 31-year employee of the DNR Division of Fish & Wildlife. Twelve years were spent doing Fisheries fieldwork in SW Minnesota, eleven years as an Aquatic Plant Management Specialist in the Metro Region, and the past 8 years as statewide Fisheries Land Acquisition Coordinator.

Mike has a BS degree in Biology from Mankato State University. Accomplishments throughout his career have been centered around aquatic habitat.

Metro Conservation Corridors - Phase V

Fish and Wildlife Stream Habitat Restoration 2.6

