

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: RM06516

Name: HARRY & LAURA NOHR CHAPTER OF TROUT UNLIMITE: 2016 Blue River Project

Type: River Grant

Subtype: River Protection Grant

Status: COMPLETE

Start Date: 4/15/2016

End Date: 12/31/2017

Purpose: The Harry and Laura Nohr Chapter of TU will undertake a River Management Grant that will enhance and protect water quality and aquatic habitat for trout and forage fishes for approximately 5,000 linear feet of the Blue River between Shemak Road and Biba Road.

1. Reduce soil erosion, stream siltation and thermal loading through stream bank sloping and stabilization practices using rock riprap and vegetation.

2. Increase stream flow rates in riffles to help increase oxygen for aquatic invertebrates, fish spawning and rearing and increase depth of scour holes using a variety of habitat BMP\2019s such as log deflectors, root wads, vortex and half weirs.

Deliverables: Control bank erosion. Improved habitat and increased stream flow for fish and aquatic insects, reductions in stream sediment in the substrate, and increased rock and gravel habitat for fish and aquatic insects reproduction. Provide photographs showing improved habitat and bank stability. Cooperate with UW-Platteville Biology Department to have interns monitor the stream post \2013 BMP implementation, and present information at TU\2019s annual meeting. Post accomplishments on-line through a TU webpage and USF&W service webpage.

Objective:

Comments: Grantee is HARRY & LAURA NOHR CHAPTER OF TROUT UNLIMITE

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Harry & Laura Nohr Chapter of	GRANT_RECIPIENT	ACTIVE	6/1/2016		Harry & Laura Nohr Chapter of Trout Unlimited	

Project Statuses			
Date	Reported By	Status	Comments

Actions

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Action	Detailed Description	Start Date	End Date	Status
Control Streambank Erosion	<p>The Harry and Laura Nohr Chapter of TU will undertake a River Management Grant that will enhance and protect water quality and aquatic habitat for trout and forage fishes for approximately 5,000 linear feet of the Blue River between Shemak Road and Biba Road.</p> <p>1. Reduce soil erosion, stream siltation and thermal loading through stream bank sloping and stabilization practices using rock riprap and vegetation. 2. Increase stream flow rates in riffles to help increase oxygen for aquatic invertebrates, fish spawning and rearing and increase depth of scour holes using a variety of habitat BMP's such as log deflectors, root wads, vortex and half weirs. Deliverables: Control bank erosion. Improved habitat and increased stream flow for fish and aquatic insects, reductions in stream sediment in the substrate, and increased rock and gravel habitat for fish and aquatic insects reproduction.</p>	4/15/2016	12/31/2017	COMPLETE
Restore Riparian Habitat	<p>enhance and protect water quality and aquatic habitat for trout and forage fishes for approximately 5-000 linear feet of the Blue River between Shemak Road and Biba Road.</p> <p>1. Reduce soil erosion- stream siltation and thermal loading through stream bank sloping and stabilization practices using rock riprap and vegetation. 2. Increase stream flow rates in riffles to help increase oxygen for aquatic invertebrates- fish spawning and rearing and increase depth of scour holes using a variety of habitat BMP\2019s such as log deflectors- root wads- vortex and half weirs. Deliverables: Control bank erosion. Improved habitat and increased stream flow for fish and aquatic insects- reductions in stream sediment in the substrate- and increased rock and gravel habitat for fish and aquatic insects reproduction. Provide photographs showing improved habitat and bank stability. Cooperate with UW-Platteville Biology Department to have interns monitor the stream post \2013 BMP implementation- and present information at TU\2019s annual meeting. Post accomplishments on-line through a TU webpage and USF+W service webpage.</p>	4/15/2016	12/31/2017	COMPLETE

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Habitat Restoration - Instream	The Harry and Laura Nohr Chapter of TU will undertake a River Management Grant that will enhance and protect water quality and aquatic habitat for trout and forage fishes for approximately 5,000 linear feet of the Blue River between Shemak Road and Biba Road. 1. Reduce soil erosion, stream siltation and thermal loading through stream bank sloping and stabilization practices using rock riprap and vegetation. 2. Increase stream flow rates in riffles to help increase oxygen for aquatic invertebrates, fish spawning and rearing and increase depth of scour holes using a variety of habitat BMP's such as log deflectors, root wads, vortex and half weirs. Deliverables: Control bank erosion. Improved habitat and increased stream flow for fish and aquatic insects, reductions in stream sediment in the substrate, and increased rock and gravel habitat for fish and aquatic insects reproduction.	4/15/2016	12/31/2017	COMPLETE
Grant Awarded	The Harry and Laura Nohr Chapter of TU will undertake a River Management Grant that will enhance and protect water quality and aquatic habitat for trout and forage fishes for approximately 5,000 linear feet of the Blue River between Shemak Road and Biba Road. 1. Reduce soil erosion, stream siltation and thermal loading through stream bank sloping and stabilization practices using rock riprap and vegetation. 2. Increase stream flow rates in riffles to help increase oxygen for aquatic invertebrates, fish spawning and rearing and increase depth of scour holes using a variety of habitat BMP's such as log deflectors, root wads, vortex and half weirs. Deliverables: Control bank erosion. Improved habitat and increased stream flow for fish and aquatic insects, reductions in stream sediment in the substrate, and increased rock and gravel habitat for fish and aquatic insects reproduction.	4/15/2016	12/31/2017	COMPLETE

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
1211000	1	Blue River	Blue River
1211000	2	Blue River	Blue River
1211000	3	Blue River	Blue River
1211000	4	Blue River	Blue River
1212800	1	Sixmile Branch	Sixmile Br
1213200	1	Big Rock Branch	Big Rock Br
1213200	2	Big Rock Branch	Big Rock Br

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1213200	4	Big Rock Branch	Big Rock Br
1213400	1	Creek 31-4	Unnamed
1213600	1	Bronson Creek	Bronson Creek
1213700	1	Unnamed Trib To Blue River (Montford T6, R1w, S12)	Unnamed
1213900	1	Badger Hollow	Badger Hollow Creek
1214000	1	Unnamed Stream	Unnamed
1214200	1	Unnamed	Unnamed
5035474	1	Unnamed Stream	Unnamed
5035654	1	Unnamed Stream	Unnamed
5035674	1	Unnamed Stream	Unnamed
5035836	1	Unnamed Stream	Unnamed
5036014	1	Unnamed Stream	Unnamed
5036068	1	Unnamed Stream	Unnamed
5036149	1	Unnamed Stream	Unnamed
5036155	1	Unnamed Stream	Unnamed
5036250	1	Unnamed Stream	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

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Title	Description	Author	Published	Comments
Blue River Habitat Improvement Project	<p>The Blue River is among the most popular and significant of the many beautiful trout streams of Southwestern Wisconsin. Generations of wise landowners have preserved the remarkable landscape of the area. In the present day, strong commitment of landowners to conservation ensures that the picturesque geology and diverse plant communities of the Blue River will persist into the future. As a result, the Blue River and its tributaries are a remarkable cold-water resource. There are enough miles of trout water of sufficient flow to accommodate many anglers. The streams offer diverse management practices. Some reaches provide the opportunity to catch the trout of a lifetime under trophy-preserving catch-release regulations. Other reaches offer trout for breakfast under regulations that allow sustainable harvest. The 2016 Blue River project has improved habitat and angling opportunities as well as opportunities for enjoying the native plants and animals of Wisconsin. The Harry and Laura Nohr Chapter of Trout Unlimited are proud to have sponsored this project, and are deeply grateful to our many partners listed in this report. A special thanks to Grant County NRCS District Conservationist Joe Schmelz and his office, and DNR fisheries biologist Bradd Sims for all of their help in facilitating this project. As with every stream conservation program, partnerships among landowners, businesses, anglers county and state government, and the state and national TU organizations are essential for the success of the Blue River Habitat Improvement projects. Although the 2016 project had many challenges and delays due to significant weather events our plan is to complete an additional 2000 feet to the next bridge on Biba Road.</p>	Harry and Laura Nohr Chapter of Trout Unlimited	1/1/2016	
Blue River Scope Deliverables Approval	Scope deliverables for Blue River in Grant County WI.	Jean Unmuth		

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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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