

Conservation Partners Legacy Grant Program Final Accomplishment Report Form

Contract Number	Organization	Project Name
B51769	Koochiching SWCD	Koochiching SWCD/Rat Root River Log Jam Removal

Person completing this report	Daytime phone number
Pam Tomevi	218-283-1174

I certify that the information contained in this final accomplishment report is true and accurate and that I am authorized by the organization listed above to complete and submit this report. If at any time this information is no longer accurate, I will contact the CPL Grant staff as soon as possible and provide the updated information.

Grant Project Summary.

The Rainy Lake Sportfishing Club (Club) has partnered with the Koochiching Soil & Water Conservation District (SWCD) to address the increase in number of log jams along the Rat Root River as well as the decline of the walleye spawning run. The Club was organized to assist in the enhancement of the fisheries resources on Rainy Lake, Rainy River and their tributaries and has invested considerable time and treasure in the last several years to identify problems that have led to the decline of the Rat Root River system with regard to fish habitat. Primary activities include log jam removal to improve access, walleye spawning bed protection, and water quality improvement in an ongoing effort to improve fish habitat in these waters.

Narrative description of work completed.

The project goal was to open channel blocking log jams spanning a distance of 15 miles along the Rat Root River (as identified in a report by Sandy Verry, chief hydrologist with Ellen River Partners). It was quickly realized that the report over-estimated the number of log jams in the project area. Utilizing local contracted labor, work began on the north end of our project area and proceeded south (upstream). Due to the complexity of individual jams underneath the water's surface, the removal was much more labor intensive than originally planned. A total of 30 jams were either completely removed or opened for fish passage and boat navigation. Knowing that not all of the jams were accessible during the open water season, we utilized local contracted labor again in early winter of 2011 during frozen ice conditions to remove more of the wood. With the Rat Root experiencing very low water levels and good ice formation, it made for ideal conditions to access and remove a majority of channel blocking jams. Most of the wood was either cut-up into manageable pieces and hauled off-site or removed from the flood-prone area of the river. The Rat Root can experience very high water levels in the spring so we expect to find new jams forming in the spring of 2012 from deadfall and wood carried downstream.

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Accomplishments: Attach additional sites sheet if necessary

Project Site #1

Project site name:	Rat Root River	Legal :	T	R	S	Q
Land manager/ easement holder:	Erika Herr/Kevin Peterson	County:	Koochiching			
Private land owner (if applicable):	N/A					

Activity (choose one): Enhancement Restoration Acquisition

Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat

Activity quantity proposed:	15	<input type="checkbox"/> Acres	<input checked="" type="checkbox"/> Miles	<input type="checkbox"/> Feet	<input type="checkbox"/> Structures	<input type="checkbox"/> Wetlands
Activity quantity accomplished:	15	<input type="checkbox"/> Acres	<input checked="" type="checkbox"/> Miles	<input type="checkbox"/> Feet	<input type="checkbox"/> Structures	<input type="checkbox"/> Wetlands

Project Site #2

Project site name:		Legal :	T	R	S	Q
Land manager/ easement holder:		County:				
Private land owner (if applicable):						

Activity (choose one): Enhancement Restoration Acquisition

Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat

Activity quantity proposed:		<input type="checkbox"/> Acres	<input type="checkbox"/> Miles	<input type="checkbox"/> Feet	<input type="checkbox"/> Structures	<input type="checkbox"/> Wetlands
Activity quantity accomplished:		<input type="checkbox"/> Acres	<input type="checkbox"/> Miles	<input type="checkbox"/> Feet	<input type="checkbox"/> Structures	<input type="checkbox"/> Wetlands

Project Site #3

Project site name:		Legal :	T	R	S	Q
Land manager/ easement holder:		County:				
Private land owner (if applicable):						

Activity (choose one): Enhancement Restoration Acquisition

Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat

Activity quantity proposed:		<input type="checkbox"/> Acres	<input type="checkbox"/> Miles	<input type="checkbox"/> Feet	<input type="checkbox"/> Structures	<input type="checkbox"/> Wetlands
Activity quantity accomplished:		<input type="checkbox"/> Acres	<input type="checkbox"/> Miles	<input type="checkbox"/> Feet	<input type="checkbox"/> Structures	<input type="checkbox"/> Wetlands

Project Site #4

Project site name:		Legal :	T	R	S	Q
Land manager/ easement holder:		County:				
Private land owner (if applicable):						

Activity (choose one): Enhancement Restoration Acquisition

Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat

Activity quantity proposed:		<input type="checkbox"/> Acres	<input type="checkbox"/> Miles	<input type="checkbox"/> Feet	<input type="checkbox"/> Structures	<input type="checkbox"/> Wetlands
Activity quantity accomplished:		<input type="checkbox"/> Acres	<input type="checkbox"/> Miles	<input type="checkbox"/> Feet	<input type="checkbox"/> Structures	<input type="checkbox"/> Wetlands

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Table 1. Accomplishment Timeline.

Original Milestone	Original Milestone Accomplishment Date	Requested Changes	Narrative Reason	Final Accomplishment
Log Jam Removal	10/31/2012	No change		12/31/2011

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Table 2. Quantity Accomplishments by Activity and Habitat.

Activity Type	Wetlands/Wetland Systems			Prairies/Prairie Systems			Forests/Forest Systems			Habitats for Fish Game and Wildlife		
	Original Target	Current Target	Final Accomplishment	Original Target	Current Target	Final Accomplishment	Original Target	Current Target	Final Accomplishment	Original Target	Current Target	Final Accomplishment
Restore												
Protect												
Enhance										15 mi.	15 mi.	15 mi.
Total										15 mi.	15 mi.	15 mi.

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Table 3a. Grant Fund Expenditures by Activity and Habitat.

Grant Funds	Wetlands/Wetland Systems			Prairies/Prairie Systems		
	Original Funding	Current Funding	Final Expenditure	Original Funding	Current Funding	Final Expenditure
Restore						
Protect						
Enhance						
Total						

Grant Funds	Forests/Forest Systems			Habitats for Fish Game and Wildlife		
	Original Funding	Current Funding	Final Expenditure	Original Funding	Current Funding	Final Expenditure
Restore						
Protect						
Enhance				\$22,500	\$22,500	\$22,500
Total				\$22,500	\$22,500	\$22,500

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Table 3b. Match Fund Expenditures by Activity and Habitat.

Match Funds	Wetlands/Wetland Systems			Prairies/Prairie Systems		
	Original Match Funds	Current Match Funds	Final Match Spent	Original Match Funds	Current Match Funds	Final Match Spent
Restore						
Protect						
Enhance						
Total						

Match Funds	Forests/Forest Systems			Habitats for Fish Game and Wildlife		
	Original Match Funds	Current Match Funds	Final Match Spent	Original Match Funds	Current Match Funds	Final Match Spent
Restore						
Protect						
Enhance				\$2,250.00	\$2,443.90	\$2,443.90
Total				\$2,250.00	\$2,443.90	\$2,243.90

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Table 4a. Grant Budget.

Grant budget Line Item	Original Grant Funds to Item	Current Grant Funds to Item	Final Grant Expenditure to Item	Final Grant Minus Original Grant (Change Request)
Personnel	\$2,000.00	\$2,000.00	\$2,025.00	\$25.00
Contracts	\$20,275.00	\$20,275.00	\$20,475.00	\$200.00
Travel	\$225.00	\$225.00	\$0.00	(\$225.00)
Equipment/Tools				
Materials/Supplies				
Fee Acquisition				
Easement Acquisition				
Easement Stewardship				
Professional Services				
Additional Budget Items				
TOTAL	\$22,500.00	\$22,500.00	\$22,500.00	\$0.00

Table 4b. Match Budget.

Match budget line item	Original Match Funds to Item	Current Match Funds to Item	Final Match Expenditure to Item	Final Match Minus Original Match (Change Request)
Personnel			\$819.00	\$819.00
Contracts	\$1,975.00	\$1,975.00	\$1,500.00	(\$475.00)
Travel	\$275.00	\$275.00	\$124.90	(\$150.10)
Equipment/Tools				
Materials/Supplies				
Fee Acquisition				
Easement Acquisition				
Easement Stewardship				
Professional Services				
Additional Budget Items				
TOTAL	\$2,250.00	\$2,250.00	\$2,443.90	\$193.90

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Table 4c. In-Kind Summary.

Summary of In-Kind Match	Total value of In-kind:
Volunteer Labor	\$819.00
Materials	
Equipment	
Other	\$124.90
TOTAL	\$943.90

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Tell us more about your project.

The Rat Root River Log Jam Removal project has served much like a feasibility study. As we sought out the appropriate resources to open and remove the channel blocking jams, we soon discovered that accessing the jams from either the air or land would not be possible. With the help of a local contracting crew using boats, chainsaws and winches, we soon learned that, although the number of log jams were considerably less than originally estimated, each jam was considerably more complex than initially thought. The insight we have gained during Phase 1 of this project has served us well as we move into Phase II - Koochiching SWCD-Rainy Lake Sportfishing Club / Rat Root Sediment Control and Spawning Enhancement.

Please list all attachments to accompany this form:

Project map highlighting progress to date.

Photos illustrating work encountered.