



2010 - CCMI Directed CWF - Mille Lacs (SWCD)

Fund Report

Mille Lacs SWCD

Fund Information

<u>Fund Name</u>	<u>Fund Year</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
2010 - CCMI Directed CWF - Mille Lacs (SWCD)	2010	\$6,710.00	\$6,710.00	01/27/2011
Starting Balance:		\$0.00		
Balance Remaining:		\$-6,710.00		
Other funds used with this fund.				
2010 - Shoreland Improvement - Mille Lacs (SWCD)	2010	\$39,075.00	\$29,255.21	12/31/2010
2010 - CCMI Shoreland Improvement - Mille Lacs (SWCD) match	2010	\$1,375.00	\$1,375.00	01/14/2011
2010 - Shoreland Improvement - Volunteer (match)	2010	\$964.00	\$0.00	08/04/2010
2010 - Shoreland Improvement - Landowner (match)	2010	\$13,025.00	\$9,751.74	08/11/2010
	Subtotal:	\$54,439.00	\$40,381.95	
	Total:	\$61,149.00	\$47,091.95	

Land & Water Projects Summary

Amount spent on L&W Projects.

	Budgeted	Spent
Total:	\$6,710.00	\$6,710.00

BMP Summary

BMP Name	BMPs entered	BMPs installed*	Linear Ft.	Total Acres	Mapped BMPs
Streambank and Shoreline Protection - 580	1	0	110		1
Totals:	1	0			1

**Note: BMPs entered in eLINK are considered to be "installed on the ground" if an "actual completion date" has been entered for the project.*

Indicator Summary

Total pollution reduction estimates for all projects by category.

	<u>Value</u>	<u>Unit</u>
-Water Pollution (Reduction Estimates)		
Phosphorus (est. reduction)	142.49	Lbs/Yr
Sediment (TSS)	167.50	Tons/Yr

Project: 2010 CWF Shoreland Improvement - Miskowic Rum River Stabilization & Buffer

Project Number: CWF2010-SI

Approval Date: 6/9/2010

Primary Cooperator: Landowner - Randy Miskowic

Start Date: 01/01/2010

Primary Practice: Streambank of Shoreland Protection

Completion Date:

Description

The landowner has been mowing turf grass up to the edge of the stream bank for approximately 20 years. This practice, combined with the concentrated energy of the river as it rounds a hair pin turn, contributed to the current erosion problem. This project will re-vegetate approximately 7500 square feet of steep river bank with native plants and shrubs and replace approximately 2750 square feet of turf grass with a native plant buffer. Once established, the extensive root systems of hardy native grasses and shrubs will hold the sandy soil in place, as well as infiltrate runoff from upland areas. Stream barbs installed in the river and tree revetments cabled into the toe area will deflect the energy of the river and prevent further erosion of the riverbank and sedimentation of the Rum River.

A CCMI grant will be utilized to employ a crew for 5 days to assist with implementation of this large project.

Actual Results

Status Aug 1, 2010: Project is approx 1/2 complete. Construction is completed as of 7/28 and planting will occur first week in August.

A day-long workshop was held on August 2nd with an afternoon of hands on instruction. Workshop attendees, including a CCMI Youth Crew, constructed and installed live willow facines and planted the vegetated buffer. The CCMI crew spent the remainder of the week completeing the live facines and planting 412 shrubs and 6456 native plugs. Construction of the shoreline restoration and planting were complete on August 6th, 2010. The point bar excavation was done on October 25th. Several torential rain storms during August, September and October caused gulying in areas that had seen much foot traffic by planting crews moving up and down the slope. Some repair was done and a bio-log was installed at the top of the gully. Live willow stakes will be installed early next spring. Shrubs and plugs that did not make it through the winter will be replaced and additional repairs needed on the gullys will be done in spring of 2011.

Comments

A Conservation Corps of Minnesota and Iowa was on site from August 2nd to August 6th. A CWF Grant was received that paid for 75% of the cost of the CCMI Crew. Local in-kind match made up the remaining 25%.

BMP(s)

1. Streambank and Shoreline Protection-580 *Mapped = Yes*

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)
 Phosphorus (est. reduction) 142.49 Lbs/Yr
 Sediment (TSS) 167.50 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 - CCMI Directed CWF - Mille Lacs (SWCD)	6,710.00	6,710.00	1/27/11
2. 2010 - Shoreland Improvement - Volunteer (match)	964.00	0.00	
3. 2010 - Shoreland Improvement - Mille Lacs (SWCD)	39,075.00	29,255.21	8/11/10
4. 2010 - CCMI Shoreland Improvement - Mille Lacs (SWCD) match	1,375.00	1,375.00	1/14/11
5. 2010 - Shoreland Improvement - Landowner (match)	13,025.00	9,751.74	8/11/10
Totals:	61,149.00	47,091.95	

List of Attached Files (click to view)

	<u>Document Description</u>	<u>Date Added</u>
1. Before003.JPG	project site before construction	12/29/10
2. DSCF0535.jpg	Construction	12/29/10
3. DSCF0568.jpg	shaping, tree revetmnets, erosion control fabric installed	12/29/10
4. P8020152.JPG	classroom portion of workshop	12/29/10
5. DSCF0619.jpg	hands-on portion of workshop	12/29/10
6. DSCF0632.jpg	CCMI Crew planting	12/29/10
7. DSCF0960.jpg	project site on 10-4-10	12/29/10

End of 2010 - CCMI Directed CWF - Mille Lacs (SWCD) Section

This report can be found in the eLINK Report Manager under Report Type: *Fund Reports*, Reports: *All Details*