

2011 - Shoreland Improvement - Nobles (SWCD)

Fund Report

Nobles

Fund Information

<u>Fund Name</u>	<u>Fund Year</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
2011 - Shoreland Improvement - Nobles (SWCD)	2011	\$162,105.00	\$162,105.00	11/26/2012
Starting Balance: \$162,105.00	Fund Number: temp matc			
Balance Remaining: \$0.00				

Other funds used with this fund.

2011 - Shoreland Improvement - SWCD Match	2011	\$1,000.00	\$1,000.00	11/26/2012
2011 - Shoreland Improvement - OOWD Match	2011	\$5,500.00	\$5,500.00	11/26/2012
2011 - Shoreland Improvement - Landowner Match	2011	\$41,587.82	\$41,587.82	11/26/2012
Subtotal:		\$48,087.82	\$48,087.82	
Total:		\$210,192.82	\$210,192.82	

Initiatives Summary

Amount spent by initiative type.

2011 - Shoreland Improvement - Nobles (SWCD)

	<u>Budgeted</u>	<u>Spent</u>
Admin/Coordination	\$8,105.00	\$8,105.00
Technical and Engineering	\$14,000.00	\$14,000.00
Total:	\$22,105.00	\$22,105.00

Land & Water Projects Summary

Amount spent on L&W Projects.

	<u>Budgeted</u>	<u>Spent</u>
Total:	\$140,000.00	\$140,000.00

BMP Summary

BMP Name	BMPs entered	BMPs installed*	Linear Ft.	Total Acres	Mapped BMPs
Streambank and Shoreline Protection - 580	1	1	1,600		1
Totals:	1	1			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)	475.00	Lbs/Yr
Sediment (TSS)	475.00	Tons/Yr
Soil (est. savings)	475.00	Tons/Yr

Initiative: 2011 CWF Admin Coord.

Year: 2011
Initiative Type: Admin/Coordination

Start Date: 04/21/2012
Completion Date: 10/16/2012

Description

Administration of the 2011 CWF grant will include all necessary landowner contact regarding paperwork and contracting. The Nobles SWCD Board will approve a formal contract with the landowner in regards to the practices receiving state funding. A standard State Cost-Share Contract will be utilized for the project including expected lifespan and inspection requirements. An Operational and Maintenance Plan will be provided to the Landowner. All required reporting and fiscal management will be completed by the Nobles SWCD. A total of \$8,105 or 5% of the grant total will be used for Administration/Coordination of the Grant. Easement portion of the grant workplan will be completed by the Okabena-Ocheda Watershed District (OOWD) and easement will be held by the OOWD and recorded at the Nobles County Courthouse.

Actual Results

Project delayed due to higher than normal rainfall and lake levels Spring 2011. Currently waiting on DNR waters permit which is delayed due to state shutdown. DNR Permit obtained Fall 2011. Project delayed spring 2012 due to higher than normal rainfall and lake levels. Landowner has completed shrub staking and COR log installation. Contractor, Engineer and Landowner expecting to start near Aug 1st for Dirtwork construction portion of project. Contracts, Bid Sheets, O&M Files in Process pending completion, TSA agreements completed, DNR Permit completed and filed. Fall 2012, engineering as-builts provided to district, all cost-share forms completed and bills provided. Payment issued.

Comments

Administration and Coordination funds will be allocated at the end of the fiscal year for the FY2012.

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011 - Shoreland Improvement - Nobles (SWCD)	8,105.00	8,105.00	11/26/12
Totals:	8,105.00	8,105.00	

Initiative: 2011 CWF Tech. and Eng.

Year: 2011
Initiative Type: Technical and Engineering

Start Date: 04/21/2011
Completion Date: 10/16/2012

Description

Technical and engineering services for CWF 2011 Shoreland grant. \$14,000 will be paid to southwest prairie TSA for needed services. Southwest Prairie TSA will use approved methods and standards for the shoreland improvement project. Nobles SWCD will provide additional assistance as needed. \$14,000 or 10% of the total project costs will be used to pay for TSA services. Components of the project include installation of a rock protected shoreline, re-grading of site and reestablishment of vegetative cover. The TSA will follow approved engineering standards and specifications and will have sign off authority for all practices. Minnesota DNR Area Hydrologist is also working closely on the project offering comments/suggestions to the engineering and habitat considerations to the project.

Actual Results

Project delayed due to higher than normal rainfall and lake levels Spring 2011. Currently waiting on DNR waters permit which is delayed due to state shutdown. DNR Permit obtained Fall 2011. Project delayed spring 2012 due to higher than normal rainfall and lake levels. Landowner has completed shrub staking and COR log installation. Contractor, Engineer and Landowner expecting to start near Aug 1st for Dirtwork construction portion of project. All permits obtained, engineering completed and contractor meetings completed. Project completed September 2012, all 800 ft of constructed rock bank is completed with engineering as-builts at the SWCD office. All 800 feet of COIR logs and willows are planted and installed to designed specifications. Area is seeded and mulched for erosion control. Easement is recorded and in place on property for permanent protection.

Comments

Technical and Engineering funds will be allocated at the end of the fiscal year for the portion used in FY2012.

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011 - Shoreland Improvement - Nobles (SWCD)	14,000.00	14,000.00	11/26/12
Totals:	14,000.00	14,000.00	

Project: 2011 CWF Shoreland Grant (Langseth)

Project Number: 2011 CWF-1
Primary Cooperator: Melba Langseth
Primary Practice: Streambank of Shoreland Protection

Approval Date: 4/20/2011
Start Date: 04/21/2011
Completion Date: 10/16/2012

Description

Stabilization of roughly 1600 feet of Lake Ocheda Shoreline. Purpose of project to improve water quality, fishery and upland habitat, drinking water quality as well as historical preservation. Approximately 800 feet of the northern most shoreline requires a rock base and sideslope stabilization costing approximately \$160,000 based on engineer estimates. The Southern portion of the Lake shoreline will require COIR logs, willow staking and re-establishment of vegetative cover. The approximate cost of the southern portion of the project is approximately \$20,000 based on engineer estimates. The Landowner will donate a permanent easement covering the first 120 feet of the property running the entire 1,600 feet of the improved shoreline providing a grassed buffer. Approximately 2.2 acres of non-crop valued at \$3,319 per acre and 2.3 acres of cropped ground valued at \$3,865 per acre will be donated as in-kind using the conservation value of the land. The total value of the donated easement will be estimated at \$16,191.30 based on 2011 RIM rates. Pending Board approval, the Okabena-Ocheda Watershed District (OOWD) will hold the easement on the property. Legal expenses for the easement paperwork by the OOWD will be counted as in-kind for the landowner's portion of the project and is valued at \$500. The landowner intends at this time to provide in-kind regarding the donation of a portion of the earth fill. The estimated value of the earth fill based on engineer estimates is \$21,217.50; total of donated earth fill by the landowner may be smaller based on amount available and quality of earth fill required by engineers. The Landowner also intends to provide labor in-kind regarding the installation of the COIR logs and willow staking. Estimated value of the Installation of the COIR Logs and willow staking is estimated at \$19,320 based on engineer estimates. Landowner intends to provide no more in-kind or cash match than the 25% required.

Actual Results

Project delayed due to higher than normal rainfall and lake levels Spring 2011. Currently waiting on DNR waters permit which is delayed due to state shutdown. DNR Permit obtained Fall 2011. Project delayed spring 2012 due to higher than normal rainfall and lake levels. Landowner has completed shrub staking and COR log installation. Contractor, Engineer and Landowner expecting to start near Aug 1st for Dirtwork construction portion of project. Project completed September 2012, all 800 ft of constructed rock bank is completed with engineering as-builts at the SWCD office. All 800 feet of COIR logs and willows are planted and installed to designed specifications. Area is seeded and mulched for erosion control. Easement is recorded and in place on property for permanent protection. Easement runs the entire length of the project and buffers a distance of 120 feet with native grasses.

Comments

Pollution Reductions were calculated by Southwest Prairie TSA. Landowner intends to provide his portion of match through combination of In-kind and cash contributions. In-kind totals provided by the landowner may change or be altered based on intensity or complexity of work.

BMP(s)

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

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)
Phosphorus (est. reduction) 475.00 Lbs/Yr
Sediment (TSS) 475.00 Tons/Yr
Soil (est. savings) 475.00 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011 - Shoreland Improvement - Nobles (SWCD)	140,000.00	140,000.00	11/26/12
2. 2011 - Shoreland Improvement - Landowner Match	41,587.82	41,587.82	11/26/12
3. 2011 - Shoreland Improvement - SWCD Match	1,000.00	1,000.00	11/26/12
4. 2011 - Shoreland Improvement - OOWD Match	5,500.00	5,500.00	11/26/12
Totals:	188,087.82	188,087.82	

End of 2011 - Shoreland Improvement - Nobles (SWCD) Section

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