



2010 - Clean Water Assistance - Sherburne (SWCD)

Fund Report

Sherburne

Fund Information

<u>Fund Name</u>	<u>Fund Year</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
2010 - Clean Water Assistance - Sherburne (SWCD)	2010	\$81,598.00	\$35,997.20	02/07/2011
Starting Balance:		\$81,600.00		
Balance Remaining:		\$45,602.80		
Other funds used with this fund.				
Livonia Township Lake Shore	2010	\$500.00	\$500.00	06/30/2010
Metro Conservation Districts NPEAP	2010	\$14,880.00	\$11,530.50	12/31/2010
West Central Technical Service Area NPEAP	2010	\$4,000.00	\$4,240.00	12/31/2010
FY10 CWF Landowner Contributions	2010	\$60,618.07	\$44,206.07	02/07/2011
	Subtotal:	\$79,998.07	\$60,476.57	
	Total:	\$161,596.07	\$96,473.77	

Initiatives Summary

Amount spent by initiative type.

2010 - Clean Water Assistance - Sherburne (SWCD)

	<u>Budgeted</u>	<u>Spent</u>
Admin/Coordination	\$4,078.00	\$1,544.00
Project Development	\$2,910.00	\$2,910.00
Technical and Engineering	\$13,290.00	\$8,766.00
Total:	\$20,278.00	\$13,220.00

Land & Water Projects Summary

Amount spent on L&W Projects.

	Budgeted	Spent
Total:	\$61,320.00	\$22,777.20

BMP Summary

BMP Name	BMPs entered	BMPs installed*	Linear Ft.	Total Acres	Mapped BMPs
Streambank and Shoreline Protection - 580	2	0	1,279		2
Bioretention Basin - 712	3	0			1
Totals:	5	0			3

*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.

	Value	Unit
-Water Pollution (Reduction Estimates)		
Phosphorus (est. reduction)	17.44	Lbs/Yr
Sediment (TSS)	10.99	Tons/Yr

Initiative: 2010 CWF Sherburne SWCD Grant Administration

Year: 2010

Start Date: 05/20/2010

Initiative Type: Admin/Coordination

Completion Date:

Description

Grant administration and reporting. Financial and budget management.

Actual Results

3 cost share contracts were approved by the SWCD Board. Administration of staff costs, project costs, engineering costs, 2 project certifications and payment vouchers.

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 - Clean Water Assistance - Sherburne (SWCD)	4,078.00	1,544.00	12/31/10
Totals:	4,078.00	1,544.00	

Initiative: 2010 CWF Lake Fremont Shoreline Project Development

Year: 2010
Initiative Type: Project Development

Start Date: 05/20/2010
Completion Date: 06/30/2010

Description

Meetings with cooperator. Prepare engineering quote packets. Select project engineer. Meetings with project engineer. Review design and budgets. Prepare cost share contract.

Actual Results

Area of treatment and a concept plan and budget were determined. Project engineer selected.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Livonia Township Lake Shore	500.00	500.00	6/30/10
2. 2010 - Clean Water Assistance - Sherburne (SWCD)	853.00	853.00	6/30/10
Totals:	1,353.00	1,353.00	

Initiative: 2010 CWF Lake Fremont Shoreline Technical/Engineering

Year: 2010
Initiative Type: Technical and Engineering

Start Date: 06/01/2010
Completion Date:

Description

Coordinate surveying and design. Selection of plant materials and develop planting plan. Construction site meetings with contractors. Review contractor quotes. Supervise installation. Recruit and organize volunteers for planting. Conduct as-built survey.
Project Staff: Mark Basiletti, Sherburne SWCD Water Resources Specialist. Qualifications: 18 years as Water Resources Specialist; coordinated and assisted with design and installation of 10 shoreland protection projects; Training in Bio-engineering (NRCS), Shoreland Buffer Design (MN Extension). Design work for Shoreland Protection will be done by a licensed engineer.
Design standard: USDA-NRCS FOTG.

Actual Results

Final design and budget have been completed. Cost Share contract approved by the SWCD Board. Final design and vegetation plan completed. Staff supervised and coordinated installation of 430 feet of shoreline protection. Site inspection was conducted.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 - Clean Water Assistance - Sherburne (SWCD)	7,972.00	6,618.00	12/31/10
2. Metro Conservation Districts NPEAP	4,580.00	4,480.00	12/31/10
Totals:	12,552.00	11,098.00	

Initiative: 2010 CWF Schreder Streambank Project Development

Year: 2010
Initiative Type: Project Development

Start Date: 05/20/2010
Completion Date: 06/07/2010

Description

Meetings with cooperator. Meetings with project engineer. Review design and budget. Prepare cost share contract.

Actual Results

Concept plan, area of treatment and budget were determined. Cost Share Contract was signed and approved by SWCD Board.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 - Clean Water Assistance - Sherburne (SWCD)	705.00	705.00	6/7/10
Totals:	705.00	705.00	

Initiative: 2010 CWF Schreder Streambank Technical/Engineering

Year: 2010
Initiative Type: Technical and Engineering

Start Date: 05/20/2010
Completion Date:

Description

Coordinate surveying and design. Selection of plant materials and development of planting plan. Construction site meetings with contractors. Review contractor quotes. Supervise installation. Conduct as-built survey.

Project Staff: Mark Basiletti, Sherburne SWCD Water Resources Specialist. Qualifications: 18 years experience as water resources specialist; coordinated and assisted with design and installation of 10 streambank/shoreland protection projects; training in bio-engineering (USDA-NRCS), Fluvial Geomorphology (MN DNR), Shoreland Buffer Design (MN Extension). Design work for Streambank Protection will be done by a licensed engineer.

Design Standard: USDA-NRCS FOTG.

Actual Results

Final design and budget completed. Site meetings with contractors completed. Staked site. reviewed quotes. Located sources to cut willow live stakes. Set up stream level staff gage. Completed tree planting plan.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 - Clean Water Assistance - Sherburne (SWCD)	2,680.00	1,432.00	12/31/10
2. West Central Technical Service Area NPEAP	4,000.00	4,240.00	12/31/10
Totals:	6,680.00	5,672.00	

Initiative: 2010 CWF Elk River Stormwater Project Development

Year: 2010
Initiative Type: Project Development

Start Date: 05/20/2010
Completion Date: 12/31/2010

Description

Meetings with City staff. Prepare engineering quote packets. Select project engineer. Meetings with project engineer. Review design and budgets. Prepare cost share contracts.

Actual Results

Sites were selected for installing BMPs. Concept plans and budget developed. Project engineer selected. Site assessments and modeling completed for 3 possible BMP sites.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 - Clean Water Assistance - Sherburne (SWCD)	1,352.00	1,352.00	12/31/10
Totals:	1,352.00	1,352.00	

Initiative: 2010 CWF Elk River Stormwater Technical/Engineering

Year: 2010
Initiative Type: Technical and Engineering

Start Date: 05/20/2010
Completion Date:

Description

Coordinate surveying and design. Selection of plant materials and development of planting plan. Construction site meetings with contractors. Review contractor quotes. Supervise installation. Recruit and organize volunteers for planting. Conduct as-built survey.
Project staff: Mark Basiletti, Sherburne SWCD Water Resources Specialist: 18 years experience as Water Resources Specialist; coordinated and assisted with design and installation of 7 stormwater treatment projects including bio-retention; experience with designing plantings for bio-retention projects; training with use of Minnesota Stormwater Manual. Design work for stormwater BMPs will be done by a licensed engineer.
Design Standards: USDA-NRCS FOTG and Minnesota Stormwater Manual

Actual Results

Final design and budget have been completed for 1 bioretention project. Preliminary design completed for 1 bioretention project. Cost share contract approved by SWCD Board for 1 bioretention project. Oversight of installation of 1 stormwater BMP. Final site inspection.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 - Clean Water Assistance - Sherburne (SWCD)	2,638.00	716.00	12/31/10
2. Metro Conservation Districts NPEAP	10,300.00	7,050.50	12/31/10
Totals:	12,938.00	7,766.50	

Project: Lake Fremont 120th Street Shoreline Protection

Project Number: CWF2010-2
Primary Cooperator: Livonia Township, Landowner
Primary Practice: Streambank of Shoreland Protection

Approval Date: 8/2/2010
Start Date:
Completion Date:

Description

This project will protect 670 feet of eroding shoreline on Lake Fremont from further erosion by installing bio-engineering practices in conjunction with other stabilization methods. The shoreline will be revegetated with native plants.

<u>BMP(s)</u>		<u>POLLUTION REDUCTION ESTIMATE(s)</u>	
1. Streambank and Shoreline Protection-580	Mapped = Yes	-Water Pollution (Reduction Estimates) Phosphorus (est. reduction)	8.04 Lbs/Yr
		Sediment (TSS)	9.46 Tons/Yr

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. FY10 CWF Landowner Contributions	3,904.17	3,904.17	12/13/10
2. 2010 - Clean Water Assistance - Sherburne (SWCD)	15,235.00	11,961.00	12/31/10
Totals:	19,139.17	15,865.17	

Project: Rum River Streambank Protection

Project Number: CWF2010-1
Primary Cooperator: Andrew Schreder
Primary Practice: Streambank of Shoreland Protection

Approval Date: 6/7/2010
Start Date:
Completion Date:

Description

400 feet of eroding streambank on the Schreder property will be stabilized. The streambank will be revegetated with native plants.

<u>BMP(s)</u>		<u>POLLUTION REDUCTION ESTIMATE(s)</u>	
1. Streambank and Shoreline Protection-580	Mapped = Yes	None	

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 - Clean Water Assistance - Sherburne (SWCD)	21,300.00	0.00	
2. FY10 CWF Landowner Contributions	9,000.00	0.00	
Totals:	30,300.00	0.00	

Project: Elk River Stormwater Retrofit-1

Project Number: CWF2010-3
Primary Cooperator: City of Elk River, landowner
Primary Practice: Critical Area Planting, Buffer, or Filter Strip

Approval Date: 8/2/2010
Start Date:
Completion Date:

Description

Stormwater treatment project will be retrofit in a developed area where treatment does not exist. The project will reduce pollutant loading to the Mississippi River.

BMP(s)

1. Bioretention Basin-712 *Mapped = Yes*

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)
Phosphorus (est. reduction) 9.40 Lbs/Yr
Sediment (TSS) 1.53 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. FY10 CWF Landowner Contributions	40,301.90	40,301.90	2/7/11
2. 2010 - Clean Water Assistance - Sherburne (SWCD)	12,018.00	10,816.20	2/7/11
Totals:	52,319.90	51,118.10	

Project: Elk River Stormwater Retrofit-2

Project Number: CWF2010-4
Primary Cooperator: City of Elk River, landowner
Primary Practice: Critical Area Planting, Buffer, or Filter Strip

Approval Date:
Start Date:
Completion Date:

BMP(s)

1. Bioretention Basin-712 *Mapped = No*

POLLUTION REDUCTION ESTIMATE(s)

None

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. FY10 CWF Landowner Contributions	3,050.00	0.00	
2. 2010 - Clean Water Assistance - Sherburne (SWCD)	5,010.00	0.00	
Totals:	8,060.00	0.00	

Project: Elk River Stormwater Retrofit-3

Project Number: CWF2010-5
Primary Cooperator: City of Elk River, landowner
Primary Practice: Critical Area Planting, Buffer, or Filter Strip

Approval Date:
Start Date:
Completion Date:

BMP(s)

1. Bioretention Basin-712 *Mapped = No*

POLLUTION REDUCTION ESTIMATE(s)

None

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. FY10 CWF Landowner Contributions	4,362.00	0.00	
2. 2010 - Clean Water Assistance - Sherburne (SWCD)	7,757.00	0.00	
Totals:	12,119.00	0.00	

----- End of 2010 - Clean Water Assistance - Sherburne (SWCD) Section -----

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