

2012 - Clean Water Assistance - Clearwater (SWCD)

Fund Report

Clearwater

Fund Information

<u>Fund Name</u>	<u>Fund Year</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
2012 - Clean Water Assistance - Clearwater (SWCD)	2012	\$32,260.00	\$8,460.00	01/04/2013
Starting Balance:		\$32,260.00		
Balance Remaining:		\$23,800.00		

Other funds used with this fund.

FY-12 LRWRRP RLWD MATCH	2012	\$4,880.00	\$0.00	
FY-12 LRWRRP Landowner MATCH	2012	\$7,817.00	\$1,375.00	12/20/2012
2012 County LWM match-LRW Assistance Grant	2012	\$1,260.00	\$1,177.50	12/31/2012
	Subtotal:	\$13,957.00	\$2,552.50	
	Total:	\$46,217.00	\$11,012.50	

Initiatives Summary

Amount spent by initiative type.

2012 - Clean Water Assistance - Clearwater (SWCD)

	<u>Budgeted</u>	<u>Spent</u>
Admin/Coordination	\$1,080.00	\$690.00
Land Water Treatment	\$0.00	\$0.00
Project Development	\$1,740.00	\$1,380.00
Technical and Engineering	\$5,348.00	\$2,265.00
Total:	\$8,168.00	\$4,335.00

Land & Water Projects Summary

Amount spent on L&W Projects.

	Budgeted	Spent
Total:	\$24,092.00	\$4,125.00

BMP Summary

BMP Name	BMPs entered	BMPs installed*	Linear Ft.	Total Acres	Mapped BMPs
Grade Stabilization Structure - 410	6	0			6
Streambank and Shoreline Protection - 580	2	0	88		2
Totals:	8	0			8

*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)		
Sediment (TSS)		Tons/Yr

Initiative: FY-12 LRWRRP Administration

Year: 2012

Start Date:

Initiative Type: Admin/Coordination

Completion Date:

Description

The Clearwater SWCD District Manager will be responsible for all eLINK, website, and final reporting documents for the project. The Clearwater SWCD district manager will coordinate the project and provide the data to the Office Manager to complete all BWSR reporting requirements.

Actual Results

1/4/13 - Administration to date has included the work plan revision and subsequent reporting as approved by BWSR BC, Chad Severts, the documentation and financial tracking of 23 SWCD staff hours expended, and the payments made for engineering on the Boucher and Beito Pine Lake projects and partial payment to Boucher for installation expense of the first phase of the project.

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2012 - Clean Water Assistance - Clearwater (SWCD)	1,080.00	690.00	1/4/13
Totals:	1,080.00	690.00	

Initiative: FY-12 LRWRRP Project Development

Year: 2012

Start Date:

Initiative Type: Project Development

Completion Date:

Description

Landowner outreach and education targeting landowners on 25% of parcels of high priority soil and water resource concerns to elicit participation in installing grade stabilization structures, shoreline protection BMPs, and future implementation of BMP practices. These efforts will lead to the SWCD setting up landowner contracts.

Actual Results

1/4/13 - to date, 46 SWCD staff hours have been utilized to target landowners and secure project contracts with 3 landowners for 6 side inlet contracts and 2 contracts with landowners for 2 shoreline protection projects. Project development efforts with the Borntreger landowner were unsuccessful, resulting in the work plan revision approved in October, 2012. Outreach has been conducted to with the Pine Lake Lake association including presentation at an Association meeting and articles in their newsletter.

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2012 - Clean Water Assistance - Clearwater (SWCD)	1,740.00	1,380.00	12/31/12
2. 2012 County LWM match-LRW Assistance Grant	1,260.00	1,177.50	12/31/12
Totals:	3,000.00	2,557.50	

Initiative: FY-12 LRWRRP Technical Assistance and Engineering

Year: 2012

Start Date:

Initiative Type: Technical and Engineering

Completion Date:

Description

The Clearwater SWCD Technician (Nathan Nordlund) and District Manager (Kathy Rasch) will assist the Technical Service Area Engineer (TSA) with survey work. Design work will be completed by the Joint Powers Board licensed professional engineer. Kathy Rasch will provide Technical Approval Authority for vegetative practices including shoreline buffers and vegetation planting recommendations. Kathy Rasch has 7 years of experience planning vegetative practices. All technical approval authority documents are available upon request.

Actual Results

Nathan Nordlund has assisted the TSA JPB engineer with surveys of 2 Pine lake sites and TSA JPB has completed the plans for those projects. Kathy Rasch has completed the vegetative buffer designs for these 2 sites. Nathan has also assisted RLWD engineering technician with the survey and design of the 6 side water inlets.

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2012 - Clean Water Assistance - Clearwater (SWCD)	5,348.00	2,265.00	12/31/12
Totals:	5,348.00	2,265.00	

Initiative: FY-12 LRWRRP Side Inlet/Grade Stabilizations

Year: 2012
Initiative Type: Land Water Treatment

Start Date:
Completion Date:

Description

Install a minimum of 6 side inlet grade stabilization structures on cropland adjacent to public drainage ditches.

Actual Results

Sites for 6 side water inlets have been identified. Three willing landowners have signed contracts to install these six side water inlets. Sites have been surveyed and designed and will be installed spring of 2013.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. FY-12 LRWRRP RLWD MATCH	0.00	0.00	
2. FY-12 LRWRRP Landowner MATCH	0.00	0.00	
3. 2012 - Clean Water Assistance - Clearwater (SWCD)	0.00	0.00	
Totals:	0.00	0.00	

Initiative: FY-12 LRWRRP Pine Lake Shoreline Protection

Year: 2012
Initiative Type: Land Water Treatment

Start Date:
Completion Date:

Description

Install 375ft of shoreline protection with native plant buffers and or rip-rap.

Actual Results

The first lakeshore project has been partially installed. The landowner consented to the installation of 85' of rip-rap to protect his site. An upland buffer has been designed and will be established on the site this spring. A second plan and contract has been established on another site in need of protection. The landowner has sent out a request for bids from contractors to install the rip rap this spring with upland buffer to follow in spring.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. FY-12 LRWRRP Landowner MATCH	0.00	0.00	
2. 2012 - Clean Water Assistance - Clearwater (SWCD)	0.00	0.00	
3. FY-12 LRWRRP RLWD MATCH	0.00	0.00	
Totals:	0.00	0.00	

Initiative: FY-12 LRWRRP Amish Technical Assistance

Year: 2012
 Initiative Type: Land Water Treatment

Start Date:
 Completion Date: 10/25/2012

Description

The SWCD will provide technical assistance to an Amish family on the Lost River to install a riparian buffer to protect and stabilize 2100 feet of streambank by excluding livestock and restoring vegetation. No state dollars will be applied toward the project.

Actual Results

The landowner has decided not to install the buffer at this time and will not be in need of technical assistance.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2012 County LWM match-LRW Assistance Grant	0.00	0.00	
2. 2012 - Clean Water Assistance - Clearwater (SWCD)	0.00	0.00	
3. FY-12 LRWRRP Landowner MATCH	0.00	0.00	
Totals:	0.00	0.00	

Project: 2012 CWF Pine Lake Protection-Darrell Boucher

Project Number: CWF 12-LR-01
 Primary Cooperator: Darrell Boucher
 Primary Practice: Streambank of Shoreland Protection

Approval Date: 9/20/2012
 Start Date:
 Completion Date:

Description

Darrell Boucher owns one of many shoreline sites experiencing significant erosion on a yearly basis. Darrell has chosen to protect his shoreline with rock rip rap as designed by William Westerberg P.E. of the Joint Powers Board. An upland native buffer will be designed by Kathy Rasch, Clearwater Soil and Water Conservation District Manager who has TAA approval for Critical Area Stabilization, Upland Vegetation Establishment. Installed native buffer will be inspected by Kathy Rasch.

Actual Results

The first phase of the project was completed 21/12/12 with the installation of the rip rap. The buffer is planned for the spring of 2013.

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

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2012 - Clean Water Assistance - Clearwater (SWCD)	6,561.00	4,125.00	12/20/12
2. FY-12 LRWRRP Landowner MATCH	2,187.00	1,375.00	12/20/12
Totals:	8,748.00	5,500.00	

Project: CWF 2012 Pine Lake Protection - Gretchen Beito

Project Number: CWF12-LR-02

Approval Date: 10/18/2012

Primary Cooperator: Gretchen E. Beito

Start Date:

Primary Practice: Streambank of Shoreland Protection

Completion Date:

Description

Gretchen Beito owns one of many shoreline sites experiencing significant erosion on a yearly basis. Gretchen has chosen to protect her shoreline with rock rip rap as designed by William Westerberg P.E. of the Joint Powers Board. An upland native buffer will be designed by Kathy Rasch, Clearwater Soil and Water Conservation District Manager who has TAA approval for Critical Area Stabilization. Installed native buffer will be inspected by Kathy Rasch.

Actual Results

Project has been designed and put up for bids. Construction is expected to start before March 15, 2013.

<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. FY-12 LRWRRP Landowner MATCH	2,541.00	0.00	
2. 2012 - Clean Water Assistance - Clearwater (SWCD)	7,623.00	0.00	
Totals:	10,164.00	0.00	

Project: CWF 2012 Side Water Inlets - Deborah L. Eck

Project Number: CWF12-LR-03

Approval Date: 10/18/2012

Primary Cooperator: Deborah L. Eck

Start Date:

Primary Practice: Sediment Basin or Ponds

Completion Date:

Description

The Clearwater Soil & Water Conservation District has worked with the Red Lake Watershed District (RLWD) to identify priority sites that can be addressed by side water inlets. Gary Lane of the Red Lake Watershed District will complete designs of these projects with Jim Hest P.E. approval. One side water inlet will be installed at this site.

Actual Results

RLWD engineering staff have completed plans for the installation of the side water inlet due to be installed spring of 2013.

<u>BMP(s)</u>		<u>POLLUTION REDUCTION ESTIMATE(s)</u>
1. Grade Stabilization Structure-410	Mapped = Yes	None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2012 - Clean Water Assistance - Clearwater (SWCD)	483.00	0.00	
2. FY-12 LRWRRP RLWD MATCH	161.00	0.00	
Totals:	644.00	0.00	

Project: CWF 2012 Side Water Inlets - Duane Rouland

Project Number: CWF12-LR-05
Primary Cooperator: Duane Rouland
Primary Practice: Grade Stabilization Structure

Approval Date: 10/18/2012
Start Date:
Completion Date:

Description

The Clearwater Soil & Water Conservation District has worked with the Red Lake Watershed District (RLWD) to identify priority sites that can be addressed by side water inlets. Three sites exist on this landowners property. Gary Lane of the Red Lake Watershed District will complete designs of these projects with Jim Hest P.E. approval. One side water inlet will be installed at this site.

Actual Results

The three side water inlets have been designed by RLWD engineering staff. Installation is scheduled to be completed spring of 2013.

BMP(s)

- 1. Grade Stabilization Structure-410 *Mapped = Yes*
- 2. Grade Stabilization Structure-410 *Mapped = Yes*
- 3. Grade Stabilization Structure-410 *Mapped = Yes*

POLLUTION REDUCTION ESTIMATE(s)

None

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2012 - Clean Water Assistance - Clearwater (SWCD)	2,090.00	0.00	
2. FY-12 LRWRRP RLWD MATCH	697.00	0.00	
Totals:	2,787.00	0.00	

Project: CWF 2012 Side Water Inlets - James Sawyer

Project Number: CWF12-LR-04
Primary Cooperator: James A. Sawyer
Primary Practice: Grade Stabilization Structure

Approval Date: 10/18/2012
Start Date:
Completion Date:

Description

This project includes the installation of two side water inlets that enter a public drainage ditch system. Side inlets will be installed in cooperation with the Red Lake Watershed District (RLWD). The RLWD will provide TA in the engineering of these structures as well as provide matching funds for the installation of the side water inlets.

Actual Results

Engineering plans have been completed by the RLWD and sites are ready for installation spring of 2013.

<u>BMP(s)</u>		<u>POLLUTION REDUCTION ESTIMATE(s)</u>
1. Grade Stabilization Structure-410	Mapped = Yes	None
2. Grade Stabilization Structure-410	Mapped = Yes	

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2012 - Clean Water Assistance - Clearwater (SWCD)	1,568.00	0.00	
2. FY-12 LRWRRP RLWD MATCH	522.00	0.00	
Totals:	2,090.00	0.00	

Project: CWF 2012 Pine Lake Protection 3

Project Number:
Primary Cooperator:
Primary Practice: Streambank of Shoreland Protection

Approval Date:
Start Date:
Completion Date:

<u>BMP(s)</u>	<u>POLLUTION REDUCTION ESTIMATE(s)</u>
0. None	None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2012 - Clean Water Assistance - Clearwater (SWCD)	4,200.00	0.00	
2. FY-12 LRWRRP Landowner MATCH	1,900.00	0.00	
3. FY-12 LRWRRP RLWD MATCH	1,500.00	0.00	
Totals:	7,600.00	0.00	

Project: CWF 2012 Pine Lake Protection 4

Project Number:

Approval Date:

Primary Cooperator:

Start Date:

Primary Practice: Streambank of Shoreland Protection

Completion Date:

BMP(s)

POLLUTION REDUCTION ESTIMATE(s)

0.
None

None

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2012 - Clean Water Assistance - Clearwater (SWCD)	1,567.00	0.00	
2. FY-12 LRWRRP RLWD MATCH	2,000.00	0.00	
3. FY-12 LRWRRP Landowner MATCH	1,189.00	0.00	
Totals:	4,756.00	0.00	

End of 2012 - Clean Water Assistance - Clearwater (SWCD) Section

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