

# Knife River Sed Reduction BMP Imp

## Fund Report

### St. Louis, South

#### Fund Information

<u>Fund Name</u>	<u>Fund Year</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
<b>Knife River Sed Reduction BMP Imp</b>	2010	\$10,173.00	\$1,560.00	01/28/2011
Starting Balance:		\$10,173.00		
Balance Remaining:		\$8,613.00		

#### **Other funds used with this fund.**

2010 - Clean Water Assistance - St. Louis, South (SWCD)	2010	\$66,690.00	\$640.00	01/28/2011
	Subtotal:	\$66,690.00	\$640.00	
	<b>Total:</b>	<b>\$76,863.00</b>	<b>\$2,200.00</b>	

#### Initiatives Summary

*Amount spent by initiative type.*

##### Knife River Sed Reduction BMP Imp

	<u>Budgeted</u>	<u>Spent</u>
Admin/Coordination	\$1,000.00	\$0.00
Technical and Engineering	\$7,173.00	\$1,560.00
Total:	<b>\$8,173.00</b>	<b>\$1,560.00</b>

#### Land & Water Projects Summary

*Amount spent on L&W Projects.*

	<u>Budgeted</u>	<u>Spent</u>
Total:	<b>\$2,000.00</b>	<b>\$0.00</b>

**BMP Summary**

BMP Name	BMPs entered	BMPs installed*	Linear Ft.	Total Acres	Mapped BMPs

**Totals:**

\*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**

Value    Unit

\*Pollution Reduction Estimates not entered for any of these projects.

**Initiative: 2010 Knife River CWF Grant Administration**

Year: 2010

Start Date: 07/01/2010

Initiative Type: Admin/Coordination

Completion Date:

Description

Knife River Sediment Reduction CWF administration and reporting

Actual Results

August 1, 2010 report: This task is ongoing. The first semi-annual report has been completed. No expenditures recorded to date.

Feb 1, 2011 report - match time is being tracked by the project mgr, Kate Kubiak. Meeting notes and landowner interest is also being documented. The Feb 1, 2011 progress report was completed in ELink on 1/28/11.

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Knife River Sed Reduction BMP Imp	1,000.00	0.00	
2. 2010 - Clean Water Assistance - St. Louis, South (SWCD)	3,600.00	640.00	1/28/11
<b>Totals:</b>	<b>4,600.00</b>	<b>640.00</b>	

**Initiative: 2010 Knife River Project Engineering, Construction, and Implementation**

Year: 2010

Start Date: 10/01/2010

Initiative Type: Technical and Engineering

Completion Date:

Description

This initiative will include survey, design, pre-construction work, and construction observation. All associated Land and Water projects will utilize elements of this initiative.

Work for this Initiative will be completed by Area III SWCD Technical Service Area staff assisted by staff from the SWCD. The work will be led by Conservation Engineer Keith Anderson, P.E. Mr. Anderson has more than ten years of experience delivering civil and environmental engineering assistance in our region. SWCD staff assistance will primarily be provided by Nathan Schroeder. Mr. Schroeder has work for over 5 years on stream and watershed management project for the SWCD.

Appropriate design standards will be used for all practices.

Actual Results

August 1, 2010 report: No results yet. No project design has begun.

Feb 1, 2011 report: TSA staff met with St. Louis County staff in the fall of 2010 to discuss construction of ditch checks on the St. Louis County side of the watershed. Locations will be finalized in the spring of 2011. TSA staff has also been doing preliminary planning for a bank stabilization project located in Section 33, T53N R11W, Lake County, This project will be achieved with the cooperation of two private landowners, the DNR, (BWSR) and South St. Louis and Lake County SWCDs, along with a private contractor. TSA staff are making preparation for permitting requirements with the expectation that all permitting will be put in place in time for work to be conducted in the river during the period allowed by DNR Fisheries(usually June 15 - Sept 15).

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 - Clean Water Assistance - St. Louis, South (SWCD)	11,090.00	0.00	
2. Knife River Sed Reduction BMP Imp	7,173.00	1,560.00	1/28/11
<b>Totals:</b>	<b>18,263.00</b>	<b>1,560.00</b>	

**Project: CWF Project Knife River Riparian Tree Planting**

Project Number: CWF2010-1  
Primary Cooperator:  
Primary Practice: Forestry Practices

Approval Date: 5/1/2010  
Start Date: 09/01/2010  
Completion Date:

Description

This project will begin in 2010 with an effort to find suitable planting locations with help from the Knife River Stewardship Committee. Planting will take place in May 2011. Approximately 15,000' of stream (both sides) will be planted with around 4,000 trees

Actual Results

8/1/2010: Project selection underway

Feb 1, 2011 report: We have secured permission from several private landowners throughout the watershed for access to their land for riparian tree planting. We are also looking at a section of public land on the West Branch that is bounded by two old beaver pastures. We have secured an MCC crew for 2 weeks through BWSR to do the work and a local tree supplier to supply the trees. We expect to plant cedar, tamarack, white spruce and white pine. All will be fenced and the tamarack and cedar will also likely have mats to reduce competition from other vegetation. We will continue to solicit additional landowners through our website public events, etc.

BMP(s) POLLUTION REDUCTION ESTIMATE(s)

0. None  
None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Knife River Sed Reduction BMP Imp	2,000.00	0.00	
2. 2010 - Clean Water Assistance - St. Louis, South (SWCD)	20,000.00	0.00	
<b>Totals:</b>	<b>22,000.00</b>	<b>0.00</b>	

List of Attached Files (click to view)

Document Description

Date Added

1. [KR Tree Planting approve BWSR.pdf](#)

4/15/11

**Project: CWF Project Knife River Roadside Stormwater Retention**

Project Number: CWF2010-2

Approval Date: 5/1/2010

Primary Cooperator: St. Louis County Public Works

Start Date:

Primary Practice: Sediment Basin or Ponds

Completion Date:

Description

Project consists of placing approximately 30 ditch checks to act as small stormwater retention areas. The checks will be placed in low gradient ditches in a variety of locations. The preliminary work will be completed spring 2010 and construction of checks will likely be done during 2010 and 2011.

Actual Results

8/1/2010: Project selection underway.

Feb 1, 2011 Report: SWCD staff and St. Louis County staff have met and are currently identifying locations for the ditch checks.

<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. Knife River Sed Reduction BMP Imp	0.00	0.00	
2. 2010 - Clean Water Assistance - St. Louis, South (SWCD)	14,000.00	0.00	
<b>Totals:</b>	<b>14,000.00</b>	<b>0.00</b>	

**Project: CWF Project Knife River Bank stabilization**

Project Number: CWF2010-3

Primary Cooperator:

Primary Practice: Streambank of Shoreland Protection

Approval Date: 5/1/2010

Start Date: 11/01/2010

Completion Date:

Description

This project will include stormwater or water quality related work on private property. The project hopes to implement 5 separate projects, but may need to combine funding if larger projects present themselves and are deemed high priority. Types of projects may include: raingardens, infiltration opportunity, streambank stabilization, landscape design, and others.

Actual Results

August 1, 2010: Project selection underway

February 1, 2011 Report: A site has been selected for a bank stabilization project in Lake County and a preliminary plan is in the works. Please see the attachments. We solicited landowners for stormwater BMPs/Rain gardens but did not find any suitable sites. A preliminary meeting between St. Louis County SWCD, Lake County SWCD, the DNR and BWSR has been held in the hopes of speeding up the permitting process so that construction can occur this summer and the landowners are on board.

BMP(s) POLLUTION REDUCTION ESTIMATE(s)

0. None  
None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 - Clean Water Assistance - St. Louis, South (SWCD)	18,000.00	0.00	
2. Knife River Sed Reduction BMP Imp	0.00	0.00	
<b>Totals:</b>	<b>18,000.00</b>	<b>0.00</b>	

List of Attached Files (click to view)

Document Description

Date Added

- |   |                                      |         |
|---|--------------------------------------|---------|
| 1. <a href="#">Knife River Lake Cty Bank Stab Email.pdf</a> | Wittlief Bank Stabilization approval | 1/27/11 |
| 2. <a href="#">Wittlief Upgard Tech Memo.pdf</a>            |                                      | 1/27/11 |
| 3. <a href="#">Wittlief Upgard cost estimate.pdf</a>        |                                      | 1/27/11 |

End of Knife River Sed Reduction BMP Imp Section

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