



## 2011 - Clean Water Assistance - St. Louis, South (SWCD)

### 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>2011 - Clean Water Assistance - St. Louis, South (SWCD)</b>	2011	\$154,893.00	\$11,700.00	01/06/2012
Starting Balance:		\$154,893.00		
Balance Remaining:		\$143,193.00		
<b>Other funds used with this fund.</b>				
2011-2012 Miller Creek Kohl's Re-meander SWCD Match	2011	\$29,080.00	\$0.00	12/30/2011
	Subtotal:	\$29,080.00	\$0.00	
	<b>Total:</b>	<b>\$183,973.00</b>	<b>\$11,700.00</b>	

#### Initiatives Summary

*Amount spent by initiative type.*

2011 - Clean Water Assistance - St. Louis, South (SWCD)

	<u>Budgeted</u>	<u>Spent</u>
Admin/Coordination	\$4,647.00	\$360.00
Project Development	\$33,900.00	\$11,340.00
Technical and Engineering	\$7,750.00	\$0.00
Total:	<b>\$46,297.00</b>	<b>\$11,700.00</b>

#### Land & Water Projects Summary

*Amount spent on L&W Projects.*

	<u>Budgeted</u>	<u>Spent</u>
Total:	<b>\$108,596.00</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: 2011-2012 Miller Creek Kohl's Re-meander Grant Admin**

Year: 2011

Start Date:

Initiative Type: Admin/Coordination

Completion Date:

Description

This Initiative applies to the administrative component of this grant including keeping track of grant vs. match money, and grant reporting. This component will be completed by the project manager, Kate Kubiak. 3% of the total grant is slated for administration.

Actual Results

For Aug 15/2011 Report: Reporting is being completed as required.

For Feb 1/2012 Report: Reporting is being completed as required. We will be submitting a 2-year extension request to our Board Conservationist.

For Mar 15/2012 report: Reporting and budgeting is being completed as required. Still waiting for approval of extension request, submitted January / 2012.

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011 - Clean Water Assistance - St. Louis, South (SWCD)	4,647.00	360.00	1/6/12
<b>Totals:</b>	<b>4,647.00</b>	<b>360.00</b>	

**Initiative: 2011-2012 Miller Creek Kohl's Re-meander Project Development**

Year: 2011

Start Date: 07/01/2011

Initiative Type: Project Development

Completion Date:

Description

This component of the grant will be conducted primarily during 2011, the planning year. Project Development will involve drafting and finalizing a Memorandum of Understanding with the City of Duluth, the landowner; acquiring all necessary permits from DNR Fisheries for work in the stream, MPCA for construction stormwater, and other permits as required. This component will also involve preparing an Environmental Assessment Worksheet (EAW) for the project, working with the media and community to share information about the project, and working with local businesses to identify a suitable place for a stormwater best management practice (BMP).

Actual Results

For Aug 15/2011 Report: Preliminary work on the Environmental Worksheet Assessment has begun. We are also communicating regularly with City of Duluth Engineering and Water Quality Staff.

For Feb 1/2012 Report: Preliminary work on the Environmental Worksheet Assessment has begun as has the data needed for applying for permits. We are also communicating regularly with City of Duluth Engineering staff and the DNR hydrologist.

For Mar 15/ 2012 report: Engineering plans for the stream restoration work are nearly complete. Working on confirming with the City and DNR that the SWCD will prepare the EAW. Letters to SHPO and the natural resources heritage database have been sent for purposes of the EAW.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011-2012 Miller Creek Kohl's Re-meander SWCD Match	5,080.00	0.00	12/30/11
2. 2011 - Clean Water Assistance - St. Louis, South (SWCD)	33,900.00	11,340.00	12/30/11
<b>Totals:</b>	<b>38,980.00</b>	<b>11,340.00</b>	

List of Attached Files (click to view)

1. [Invoice CWF Miller 2011.docx](#)

Document Description

Invoice to SWCD account for 2011 work for Keith, Kate and Tim.

Date Added

1/17/12

**Initiative: 2012 Miller Creek Kohl's Re-meander Engineering, Construction & Implementation**

Year: 2011

Start Date:

07/01/2011

Initiative Type: Technical and Engineering

Completion Date:

Description

This component will be completed by TSA Area 3 staff, Keith Anderson, professional engineer (Lic# 42827) and Tim Byrns, Engineering Tech. Keith and Tim have been working for the TSA for the past 5 years on projects similar to this one. Activities under this component will include surveying, modeling, permitting and project design (pre-construction) during 2011, and bidding, site mobilization, and construction supervision during 2012. Keith is well-trained in the Rosgen approach to stream restoration and will be using Rosgen methods for this project. Keith has completed Rosgen Level 1:Applied Fluvial Geomorphology and Level 2:River Morphology and Applications training.

Actual Results

For Aug 15/2011 Report: We have met with City Engineering Staff several times regarding the project and provided them with our preliminary plans. We have also completed a survey of the site and installed flow gauging equipment. We have also researched the title for the site to identify any easement holders (e.g. MN Power) that may need to be notified before work begins. We expect to work closely with DNR hydrology staff to complete preliminary design and any modeling that may be required by FEMA before the project may begin.

For Feb 1/2012 Report: Preliminary engineering activities are being completed including the following: 1.) Surveyed the project reach. 2.) Surveyed the selected reference reach (French River). 3.) Imported survey data into CAD. 4.) Generated topo maps. 5.) In the process of calculating channel design. A design is needed to start applying for permits, start assembling the EAW data and for addressing any FEMA / floodway map issues. EAW - the local government unit for the EAW will likely be the DNR (hydrologist), which is well-aware of the project. We have started reviewing examples for similar projects and collecting the data to be submitted to the DNR.

For mar 15/2012 report: the design for the stream restoration and the cross sections are nearly completed. SWCD engineer is working closely with DNR staff on the design.

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011 - Clean Water Assistance - St. Louis, South (SWCD)	7,750.00	0.00	
<b>Totals:</b>	<b>7,750.00</b>	<b>0.00</b>	

**Project: Miller Creek Restoration/Re-meander Behind Kohl's**

Project Number: CWF-2011-1

Primary Cooperator:

Primary Practice:

Approval Date:

Start Date: 07/01/2011

Completion Date:

Description

Restoration of 3,400 ft. of Miller Creek to it's original channel. This section of Miller Creek was channelized many decades ago. Restoring it to its original, sinuous channel will: reduce peak flows due to increased sinuosity; reconnect the stream to its surrounding floodplain, which will lead to increased water storage and increased infiltration, the latter of which will hopefully increase the baseflow of this creek; improve trout habitat with added riffles, pools and woody debris.

Actual Results

For August 15, 2011 Report: SWCD staff has met with the City of Duluth (property owner) and is currently surveying and making preparations to produce a haz-mat model for the creek.

For Feb 1/2012 Report: Preliminary engineering tasks are underway, see "Initiatives."

For Mar 15/2012 Report: The design is close to being completed, as are the cross sections, see "Initiatives." SWCD engineer has been working closely with DNR staff to finalize the design.

<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. 2011-2012 Miller Creek Kohl's Re-meander SWCD Match	24,000.00	0.00	
2. 2011 - Clean Water Assistance - St. Louis, South (SWCD)	100,596.00	0.00	
<b>Totals:</b>	<b>124,596.00</b>	<b>0.00</b>	

List of Attached Files (click to view)

1. [South St Louis Map.pdf](#)

Document Description

Map of stretch to be restored

Date Added

3/14/11

**Project: Miller Creek Watershed Business Stormwater BMP Installation**

Project Number: CWF-2011-3

Primary Cooperator:

Primary Practice:

Approval Date:

Start Date: 06/01/2012

Completion Date:

Description

Solicitation of businesses interested in installing a stormwater Best Management Practice. The purpose of the Best Management Practice would be to treat (infiltrate) stormwater to reduce runoff in the watershed. Several businesses in the Miller Creek Watershed have already installed a stormwater Best Management Practice with help from our office and we hope that the proposed Best Management Practice will add to the existing sites as demonstration sites for other businesses and tours by people interested in seeing Best Management Practices for stormwater look like when installed.

Actual Results

For August 15/2011 Report: Work on this element will not begin until 2012.

For Feb 1/2012 Report: Work on this element will not begin until 2012.

For Mar 15/2012 Report: One business has been approached with the opportunity to install a BMP, but the majority of this work will not begin until summer of 2012.

BMP(s)

0.

None

POLLUTION REDUCTION ESTIMATE(s)

None

FUND(s)

1. 2011 - Clean Water Assistance - St. Louis, South (SWCD)

Budgeted

8,000.00

Spent

0.00

Date Last Spent

**Totals:**

**8,000.00**

**0.00**

End of 2011 - Clean Water Assistance - St. Louis, South (SWCD) Section

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