



## 2010 Cost Share Base Grant - Scott (SWCD)

### Fund Report

#### Scott

#### Fund Information

<u>Fund Name</u>	<u>Fund Year</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
<b>2010 Cost Share Base Grant - Scott (SWCD)</b>	2010	\$23,379.00	\$17,604.00	11/04/2011
Starting Balance:		\$17,604.00		
Balance Remaining:		\$0.00		
<b>Other funds used with this fund.</b>				
2009 Cost Share Base Grant - Scott (SWCD)	2009	\$10,316.58	\$10,316.58	11/17/2010
2009 Landowner Cost	2009	\$270.00	\$270.00	10/19/2011
2009 Scott WMO Cost-Share Structural Practices	2009	\$3,609.00	\$3,609.00	10/19/2011
Scott Watershed Management Organization	2010	\$17,914.00	\$17,914.00	01/27/2012
Prior Lake/Spring Lake Cost-Share Program	2010	\$6,476.25	\$701.25	10/19/2011
Landowner cost	2010	\$32,266.95	\$28,416.95	10/19/2011
2011 Cost Share Base Grant - Scott (SWCD)	2011	\$2,440.92	\$2,440.92	12/20/2011
USFWS	2010	\$1,267.00	\$1,267.00	12/13/2010
	Subtotal:	\$74,560.70	\$64,935.70	
	<b>Total:</b>	<b>\$97,939.70</b>	<b>\$82,539.70</b>	

#### Initiatives Summary

*Amount spent by initiative type.*

#### 2010 Cost Share Base Grant - Scott (SWCD)

	<u>Budgeted</u>	<u>Spent</u>
Funds Returned to BWSR	\$5,775.00	\$5,775.00
Total:	<b>\$5,775.00</b>	<b>\$5,775.00</b>

**Land & Water Projects Summary**

Amount spent on L&W Projects.

	Budgeted	Spent
Total:	<b>\$17,604.00</b>	<b>\$11,829.00</b>

**BMP Summary**

BMP Name	BMPs entered	BMPs installed*	Linear Ft.	Total Acres	Mapped BMPs
Abandoned Well Sealing - 100	2	2			2
Critical Area Planting - 342	2	2		0.12	1
Grade Stabilization Structure - 410	1	1			1
Grassed Waterway - 412	1	1		0.28	1
Streambank and Shoreline Protection - 580	2	2	446		2
Well Decommissioning - 351	1	1			1
Bioretention Basin - 712	1	0			0
<b>Totals:</b>	<b>10</b>	<b>9</b>			<b>8</b>

\*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
<b>-Water Pollution (Reduction Estimates)</b>		
Phosphorus (est. reduction)	86.50	Lbs/Yr
Soil (est. savings)	86.50	Tons/Yr

**Initiative: 2010 RETURNED FUNDS**

Year: 2010

Start Date:

Initiative Type: Funds Returned to BWSR

Completion Date:

Description

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 Cost Share Base Grant - Scott (SWCD)	5,775.00	5,775.00	11/4/11
<b>Totals:</b>	<b>5,775.00</b>	<b>5,775.00</b>	

**Project: Theresa McDaniel Well Decommission**

Project Number: State Cost-Share #10-02

Approval Date: 10/13/2009

Primary Cooperator: Theresa McDaniel

Start Date: 04/15/2009

Primary Practice: Unused Well Sealing or Groundwater Protection

Completion Date: 04/15/2009

Description

Unused well needs to be sealed. Also is Scott WMO #09-50.

Actual Results

Conservation practice installed: Well Decommission (351). Well was sealed.

Comments

Construction contractor was Hartmann Well Company, LLP.

<u>BMP(s)</u>	<u>Mapped</u>	<u>POLLUTION REDUCTION ESTIMATE(s)</u>
1. Abandoned Well Sealing-100	Mapped = Yes	None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 Cost Share Base Grant - Scott (SWCD)	375.00	375.00	11/18/09
2. 2009 Scott WMO Cost-Share Structural Practices	375.00	375.00	11/18/09
3. 2009 Landowner Cost	270.00	270.00	11/18/09
<b>Totals:</b>	<b>1,020.00</b>	<b>1,020.00</b>	

List of Attached Files (click to view)

Document Description

Date Added

- |   |                                    |          |
|---|------------------------------------|----------|
| 1. <a href="#">Theresa McDaniel property map.pdf</a>      | Theresa McDaniel property map      | 11/24/09 |
| 2. <a href="#">Theresa McDaniel Well Decommission.pdf</a> | Theresa McDaniel Well Decommission | 11/24/09 |

**Project: Harbor Community Church Grade Stabilization**

Project Number: State C/S #09-17  
Primary Cooperator: Harbor Community Church  
Primary Practice: Grade Stabilization Structure

Approval Date: 8/20/2009  
Start Date: 06/15/2010  
Completion Date: 06/30/2011

Description

Sediment is discharging into adjacent wetland from a ravine. Owner requests cost-share funds to help stabilize a gully.

Actual Results

Conservation Practice Installed: Grade Stabilization Structure (410). Resource protected: Wetland at the bottom of the ravine. This stabilization project will fill the ravine and bring the stormwater runoff to the bottom of the hill through a pipe and accompanying stilling basin. Soil loss went from 15 tons/year to 0 tons/year; phosphorus load went from 15 pounds/year to 0 pounds/year.

Comments

Project amended on September 15, 2009. The original funds encumbered for this project were \$7,380, but due to the Prior Lake/Spring Lake Watershed District funds not being approved, state cost-share funds will increase to \$12,300. The maximum state cost-share assistance is up to 75 percent of the cost estimate of \$16,400 or an increase of \$4,920. The original start date of 12/15/2009 was amended to 6/15/2010, and the completion date has been amended from December 31, 2009, to June 30, 2010. Deutsch Construction was the contractor.

BMP(s)

1. Grade Stabilization Structure-410

Mapped = Yes

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)  
Phosphorus (est. reduction)  
Soil (est. savings)

15.00 Lbs/Yr  
15.00 Tons/Yr

FUND(s)

1. Landowner cost

Budgeted

18,900.00

Spent

18,900.00

Date Last Spent

10/19/11

2. 2011 Cost Share Base Grant - Scott (SWCD)

611.00

611.00

10/19/11

3. 2010 Cost Share Base Grant - Scott (SWCD)

2,572.42

2,572.42

10/19/11

4. 2009 Cost Share Base Grant - Scott (SWCD)

10,316.58

10,316.58

11/17/10

**Totals:**

**32,400.00**

**32,400.00**

List of Attached Files (click to view)

1. [Harbor Community Church gully.jpg](#)

Document Description

Harbor Community Church Grade Stabilization gully

Date Added

11/30/09

2. [Harbor Community Church property map.pdf](#)

Harbor Community Church property map

11/30/09

**Project: Todd Lindsey Streambank Stabilization**

Project Number: State C/S #10-06  
 Primary Cooperator: Todd Lindsey  
 Primary Practice: Streambank of Shoreland Protection

Approval Date: 5/20/2010  
 Start Date: 09/29/2011  
 Completion Date: 10/05/2011

Description

There was a severely eroded 30-foot high streambank of the Credit River in Savage that was migrating outside its floodplain against a 30-foot high hill. Sediment loading was far greater than if the river was confined to its floodplain.

Actual Results

Conservation Practice Installed: Streambank Stabilization. The toe of the stream was stabilized with rock riprap. The side slopes were shaped to 2.5:1 or flatter. Dogwood live stakes and bare-root seedlings were planned for the area above the riprap. Grass seeding and erosion control blankets were added to stabilize the site until permanent vegetation is established. Soil loss went from 17 tons/year to 0 tons/year; phosphorus load went from 17 pounds/year to 0 pounds/year.

Comments

Braith Excavating was the construction contractor.

BMP(s)

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

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)  
 Phosphorus (est. reduction) 17.00 Lbs/Yr  
 Soil (est. savings) 17.00 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Scott Watershed Management Organization	14,104.00	14,104.00	10/19/11
2. 2011 Cost Share Base Grant - Scott (SWCD)	1,375.00	1,375.00	10/19/11
3. 2010 Cost Share Base Grant - Scott (SWCD)	2,000.00	2,000.00	10/19/11
4. Landowner cost	5,827.20	5,827.20	10/19/11
<b>Totals:</b>	<b>23,306.20</b>	<b>23,306.20</b>	

List of Attached Files (click to view)

Document Description

Date Added

- |   |   |         |
|---|---|---------|
| 1. <a href="#">Todd Lindsey Streambank Stabilization Map.jj</a> | Todd Lindsey Streambank Stabilization   | 6/29/10 |
| 2. <a href="#">Todd Lindsey Conservation Practice Info.pdf</a>  | Todd Lindsey Conservation Practice Info | 11/9/11 |

**Project: Glendale Place Critical Area Planting**

Project Number: State C/S #10-05  
Primary Cooperator: Glendale Place  
Primary Practice: Critical Area Planting, Buffer, or Filter Strip

Approval Date: 2/10/2010  
Start Date: 06/30/2010  
Completion Date: 07/20/2010

Description

The problem was surface erosion. This project will add the appropriate plantings (small shrubs and native grasses) to an existing bioretention basin.

Actual Results

This project added the appropriate plantings (small shrubs and native grasses, etc.) to an existing bioretention basin. Conservation practice installed: Critical Area Planting (342). Soil loss before project: 1 tons/year; Soil loss after project: 0 tons/year; Phosphorus load before project: 1 pound/year; Phosphorus load after project: 0 pounds/year.

Comments

Jim Sherack is the caretaker of Glendale Place, and D & J Landscaping was the construction contractor. Scott County CDA, 323 Naumkeag Street S, Shakopee MN 55379, was the requesting agency (Mr. Jaffa).

BMP(s)

1. Critical Area Planting-342 *Mapped = Yes*

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)  
Phosphorus (est. reduction) 1.00 Lbs/Yr  
Soil (est. savings) 1.00 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 Cost Share Base Grant - Scott (SWCD)	4,467.00	4,467.00	9/13/10
2. Landowner cost	2,371.00	2,371.00	9/13/10
<b>Totals:</b>	<b>6,838.00</b>	<b>6,838.00</b>	

List of Attached Files (click to view)

1. [2010 Glendale Place Project.jpg](#)
2. [Glendale Place project.pdf](#)

Document Description

Aerial photo of Glendale Place Basin  
Glendale Place Project

Date Added

12/8/10  
10/20/10

**Project: Clifford Ebert Grassed Waterway Repair**

Project Number: State C/S #10-03  
 Primary Cooperator: Clifford Ebert  
 Primary Practice: Diversion or Waterway

Approval Date: 9/8/2010  
 Start Date: 04/01/2010  
 Completion Date: 04/30/2010

Description

Also Scott WMO C/S #09-45.

A 250-foot section of grassway needed to be repaired. There was a gully in the middle of the waterway (east branch). Approximately 260 feet of the east branch of the waterway is wetland in the channel and should be tiled. Approximately 550 feet of the waterway main has the same wetness concern.

Actual Results

Repaired 250 feet (east branch) of the existing waterway and installed 800 feet of 5-inch tile drain to eliminate wet spots in the channel of an existing waterway. Before soil loss: 18.5 tons/year; after project soil loss: 0 tons/year. Before phosphorus loading: 18.5 pounds/year; after project phosphorus load: 0 pounds/year.

Comments

Retka Tiling was the construction contractor. The resource protected was surface water from Raven Stream.

BMP(s)

1. Grassed Waterway-412

Mapped = Yes

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)  
 Phosphorus (est. reduction) 18.50 Lbs/Yr  
 Soil (est. savings) 18.50 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 Cost Share Base Grant - Scott (SWCD)	350.00	350.00	9/8/10
2. 2009 Scott WMO Cost-Share Structural Practices	700.00	700.00	9/8/10
3. Landowner cost	350.00	350.00	9/8/10
<b>Totals:</b>	<b>1,400.00</b>	<b>1,400.00</b>	

List of Attached Files (click to view)

- [2010 Cliff Ebert Grassed Waterway.jpg](#)
- [Clifford Ebert Grassed Waterway Repair.pdf](#)

Document Description

2010 Ebert Grassed Waterway Project  
 Clifford Ebert Grassed WW Repair

Date Added

12/8/10  
 10/20/10

**Project: Ryan Nelson Well Decommissioning**

Project Number: State C/S #10-07  
Primary Cooperator: Ryan Nelson  
Primary Practice: Unused Well Sealing or Groundwater Protection

Approval Date: 4/28/2010  
Start Date: 09/20/2010  
Completion Date: 09/20/2010

Description

Also PLSL #10-02. A water well not longer in use had to be sealed and permanently closed.

Actual Results

One well was sealed and permanently closed per MN Rule 725. Conservaiton practice installed: Well Decommissioning (351).

Comments

Hartmann Well, LLP, was the contractor.

BMP(s)

1. Well Decommissioning-351

Mapped = Yes

POLLUTION REDUCTION ESTIMATE(s)

None

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2010 Cost Share Base Grant - Scott (SWCD)	300.00	300.00	10/13/10
2. Landowner cost	333.75	333.75	10/13/10
3. Prior Lake/Spring Lake Cost-Share Program	701.25	701.25	10/13/10
<b>Totals:</b>	<b>1,335.00</b>	<b>1,335.00</b>	

List of Attached Files (click to view)

Document Description

Date Added

- |  |                                      |          |
|--|--------------------------------------|----------|
| 1. <a href="#">2010 Ryan Nelson Well Decommission Photo</a>  | Ryan Nelson Well Decommission Photos | 12/8/10  |
| 2. <a href="#">Ryan Nelson Well Decommissioning Site.jpg</a> | Ryan Nelson Well Decommissioning     | 10/20/10 |

**Project: Hidden Oaks Sediment Basins Bio-Retention Project**

Project Number: State C/S #10-04  
Primary Cooperator: Hidden Oaks Middle School  
Primary Practice: Sediment Basin or Ponds

Approval Date: 2/10/2010  
Start Date:  
Completion Date:

Description

A vegetated swale and bioretention system will be constructed to reduce the phosphorus and contaminant-loading from the Hidden Oaks Middle School ball fields and parking lot.

Actual Results

Soil loss was reduced by 99.7 percent from 725 pounds/year; phosphorus loading was reduced by 96.8 percent from 2.3 pounds/year. A DNR-protected wetland north of the school was the resource protected.

Comments

Scott SWCD cut a check for \$5,775 and returned it to BWSR.

BMP(s)

1. Bioretention Basin-712

*Mapped = No*

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)  
Phosphorus (est. reduction)  
Soil (est. savings)

Lbs/Yr  
Tons/Yr

FUND(s)

- 1. Prior Lake/Spring Lake Cost-Share Program
- 2. 2010 Cost Share Base Grant - Scott (SWCD)
- 3. Landowner cost

<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
5,775.00	0.00	
5,775.00	0.00	
3,850.00	0.00	
<b>Totals:</b>	<b>0.00</b>	

List of Attached Files (click to view)

- 1. [Hidden Oaks 2010 Project.jpg](#)

Document Description

2010 Hidden Oaks Project

Date Added

12/8/10

**Project: Phyllis Wayne Well Sealing**

Project Number: State C/S #10-08  
Primary Cooperator: Phyllis Wayne  
Primary Practice: Unused Well Sealing or Groundwater Protection

Approval Date: 12/8/2010  
Start Date: 11/11/2010  
Completion Date: 11/12/2010

Description

Also Scott WMO #10-45. An old unsealed well was a possible contaminant source to underlying groundwater.

Actual Results

Due to well characteristics, the well was sealed by means not commonly seen in Scott County. Well contents were cleaned out, casing was perforated and the unused well was sealed with cement. The additional expense was due to state code mandating that the well be perforated if extended over 10 feet into bedrock (shale in this instance).

BMP(s)

1. Abandoned Well Sealing-100

Mapped = Yes

POLLUTION REDUCTION ESTIMATE(s)

None

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Landowner cost	635.00	635.00	12/13/10
2. 2010 Cost Share Base Grant - Scott (SWCD)	497.58	497.58	6/20/11
3. 2011 Cost Share Base Grant - Scott (SWCD)	454.92	454.92	6/20/11
4. Scott Watershed Management Organization	1,905.00	1,905.00	12/13/10
<b>Totals:</b>	<b>3,492.50</b>	<b>3,492.50</b>	

List of Attached Files (click to view)

1. [Conservation Practice Info.pdf](#)

Document Description

Conservation Practice Info

Date Added

5/11/11

**Project: Mark Dawald Bio-Engineered Streambank Stabilization**

Project Number: State C/S #10-01  
 Primary Cooperator: Mark Dawald  
 Primary Practice: Streambank of Shoreland Protection

Approval Date: 9/14/2009  
 Start Date: 08/01/2010  
 Completion Date: 11/01/2010

Description

Erosive slope and streambank along Credit River in the City of Savage. Stream was beginning to meander outside of its floodplain, which could lead to accelerated sediment loading.

Actual Results

Stream toe was stabilized with cedar tree revetment and a dogwood live staking. Banks were stabilized by shaping, dogwood fascines, seeding and coconut erosion control blanket. Conservation practices: Streambank Stabilization (580) and Critical Area Planting (342). Soil loss went from 35 tons/year to 0 tons/year; phosphorus load went from 35 pounds/year to 0 pounds/year.

Comments

Minor Watershed #33123

BMP(s)

- 1. Critical Area Planting-342 *Mapped = No*
- 2. Streambank and Shoreline Protection-580 *Mapped = Yes*

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)  
 Phosphorus (est. reduction) 35.00 Lbs/Yr  
 Soil (est. savings) 35.00 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2009 Scott WMO Cost-Share Structural Practices	2,534.00	2,534.00	12/13/10
2. 2010 Cost Share Base Grant - Scott (SWCD)	1,267.00	1,267.00	12/13/10
3. USFWS	1,267.00	1,267.00	12/13/10
<b>Totals:</b>	<b>5,068.00</b>	<b>5,068.00</b>	

List of Attached Files (click to view)

	<u>Document Description</u>	<u>Date Added</u>
1.	<a href="#">Mark Dawald Conservation Practice Info.pdf</a> Mark Dawald Conservation Practice Info	1/24/11
2.	<a href="#">Mark Dawald Map of Streambank Stab-CA Pl</a> Map of Mark Dawald project	1/24/11
3.	<a href="#">Dawald Streambank-CAP.JPG</a> Streambank area Dawald	1/25/12

End of 2010 Cost Share Base Grant - Scott (SWCD) Section

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