



2011 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>
2011 Cost Share Base Grant - Scott (SWCD)	2011	\$10,696.92	\$10,696.92	12/20/2011
Starting Balance:		\$17,785.00		
Balance Remaining:		\$7,088.08		
Other funds used with this fund.				
2009 Cost Share Base Grant - Scott (SWCD)	2009	\$10,316.58	\$10,316.58	11/17/2010
2010 Cost Share Base Grant - Scott (SWCD)	2010	\$5,070.00	\$5,070.00	11/04/2011
Scott Watershed Management Organization	2010	\$20,914.00	\$20,914.00	01/27/2012
Landowner cost	2010	\$25,362.20	\$25,362.20	10/19/2011
Scott WMO	2011	\$6,499.00	\$6,499.00	12/20/2011
2011 PLSL Watershed District Cost-Share	2011	\$1,278.00	\$1,278.00	12/20/2011
2011 Landowner Cost	2011	\$3,850.50	\$3,850.50	12/20/2011
	Subtotal:	\$73,290.28	\$73,290.28	
	Total:	\$83,987.20	\$83,987.20	

Initiatives Summary

Amount spent by initiative type.

2011 Cost Share Base Grant - Scott (SWCD)

	<u>Budgeted</u>	<u>Spent</u>
Technical and Engineering	\$0.00	\$0.00
Total:	\$0.00	\$0.00

Land & Water Projects Summary

Amount spent on L&W Projects.

	Budgeted	Spent
Total:	\$10,696.92	\$10,696.92

BMP Summary

BMP Name	BMPs entered	BMPs installed*	Linear Ft.	Total Acres	Mapped BMPs
Abandoned Well Sealing - 100	1	1			1
Grade Stabilization Structure - 410	2	2			1
Streambank and Shoreline Protection - 580	1	1	61		1
Water and Sediment Control Basin - 638	2	2			2
Well Decommissioning - 351	8	8			8
Totals:	14	14			13

*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)		
Phosphorus (est. reduction)	39.50	Lbs/Yr
Soil (est. savings)	40.00	Tons/Yr

Initiative: 2011 State Cost-Share Base T/A

Year: 2011

Start Date:

Initiative Type: Technical and Engineering

Completion Date:

Description

Funds to be used for technical and administration costs. The Scott SWCD Board of Supervisors authorized 0 percent for T/A for State Cost/Share Projects in 2011.

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011 Cost Share Base Grant - Scott (SWCD)	0.00	0.00	
Totals:	0.00	0.00	

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; 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
- 2. 2011 Cost Share Base Grant - Scott (SWCD)
- 3. 2010 Cost Share Base Grant - Scott (SWCD)
- 4. 2009 Cost Share Base Grant - Scott (SWCD)

<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
18,900.00	18,900.00	10/19/11
611.00	611.00	10/19/11
2,572.42	2,572.42	10/19/11
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](#)
- 2. [Harbor Community Church property map.pdf](#)

Document Description

Harbor Community Church Grade Stabilization gully
Harbor Community Church property map

Date Added

11/30/09
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
Totals:	23,306.20	23,306.20	

List of Attached Files (click to view)

Document Description

Date Added

- | | | |
|---|---|---------|
| 1. Todd Lindsey Streambank Stabilization Map.jj | Todd Lindsey Streambank Stabilization | 6/29/10 |
| 2. Todd Lindsey Conservation Practice Info.pdf | Todd Lindsey Conservation Practice Info | 11/9/11 |

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
Totals:	3,492.50	3,492.50	

List of Attached Files (click to view)

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

Document Description

Conservation Practice Info

Date Added

5/11/11

Project: Nick and Jessica Arneson Well Decommission

Project Number: State C/S #11-03
Primary Cooperator: Nick Arneson
Primary Practice: Unused Well Sealing or Groundwater Protection

Approval Date: 1/19/2011
Start Date: 12/01/2011
Completion Date: 12/31/2011

Description

One standard well is to be sealed on this property.

Actual Results

Conservation Practice Planned: Well Decommission, 351. This well was located immediately adjacent to a wetland protection area and has not been usable for at least the last five years that the present owner has owned the residence. Resource protected: groundwater.

Comments

Construction Contractor was Bohn Well Drilling Co.

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. 2011 PLSL Watershed District Cost-Share	235.00	235.00	2/15/11
2. 2011 Landowner Cost	235.00	235.00	2/15/11
3. 2011 Cost Share Base Grant - Scott (SWCD)	470.00	470.00	2/15/11
Totals:	940.00	940.00	

List of Attached Files (click to view)

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

Document Description

Nick Arneson Well Decommissioning

Date Added

5/25/11

Project: Steve Johnson Grade Stabilization

Project Number: SWMO #11-17
Primary Cooperator: Steve Johnson
Primary Practice: Grade Stabilization Structure

Approval Date:
Start Date: 07/23/2011
Completion Date: 07/26/2011

Description

Two small head-cutting gullies in a wooded pasture were migrating. Estimated soil loss was 9 tons per year.

Actual Results

Conservation Practice Installed: Grade Stabilization (410). A rock-lined channel was installed at grades where existing sandy soils were shown to be insufficient. A total of 123 feet of rock-lined channel was installed. Areas disturbed were seeded and mulched. Soil loss went from 8 tons/year to 0; phosphorus load went from 7.5 pounds/year to 0.

Comments

Construction Contractor was Lawns R Us.

BMP(s)

1. Grade Stabilization Structure-410 *Mapped = No*

POLLUTION REDUCTION ESTIMATE(s)

-Water Pollution (Reduction Estimates)
Phosphorus (est. reduction) 7.50 Lbs/Yr
Soil (est. savings) 8.00 Tons/Yr

FUND(s)

	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011 Cost Share Base Grant - Scott (SWCD)	2,240.00	2,240.00	8/15/11
2. 2011 Landowner Cost	935.00	935.00	8/15/11
3. Scott WMO	2,800.00	2,800.00	8/15/11
Totals:	5,975.00	5,975.00	

List of Attached Files (click to view)

1. [Steve Johnson Grade Stabilization.pdf](#)

Document Description

Steve Johnson Grade Stabilization

Date Added

9/6/11

Project: Frank Fourre Well Sealing

Project Number: State C/S #11-11
Primary Cooperator: Frank Fourre
Primary Practice: Unused Well Sealing or Groundwater Protection

Approval Date: 8/2/2011
Start Date: 09/22/2011
Completion Date: 09/22/2011

Description

Also PL #11-07. Groundwater resources were protected from contamination by eliminating a possible direct conduit for pollutants. This property is within a groundwater susceptibility area.

Actual Results

Conservation Practice Installed: Unused Well Sealing (351). No records were found, which would give information about the well. The landowner's grandparents installed the shallow well, and it goes down to a depth of 30 feet through a layer of clay. There was a new pipe installed in 1969. Grout was placed in the well pipe, and the well pit was filled in.

Comments

Hartmann Well Company was the construction 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. 2011 PLSL Watershed District Cost-Share	264.00	264.00	10/19/11
2. 2011 Cost Share Base Grant - Scott (SWCD)	331.00	331.00	10/19/11
3. 2011 Landowner Cost	66.00	66.00	10/19/11
Totals:	661.00	661.00	

List of Attached Files (click to view)

1. [Frank Fourre Well Sealing.pdf](#)

Document Description

Frank Fourre Well Sealing Parcel

Date Added

10/27/11

Project: Dan Johnson Well Decommission

Project Number: State C/S #11-12
Primary Cooperator: Dan Johnson
Primary Practice: Unused Well Sealing or Groundwater Protection

Approval Date: 8/17/2011
Start Date: 10/29/2011
Completion Date: 10/29/2011

Description

The landowner would like to seal an unused well on his property. No records were found that gave information about the well. However, there are records of a neighbor's well, which are likely similar to this well. The neighbor's well record justifies the quotes received for the project, as well as supports our hypothesis that the well penetrates confining layers. The landowner believes this well to be around 14 feet deep.

Actual Results

Conservation Practice Installed: Well Decommission (351). Groundwater resources will be protected from contamination by eliminating a possible direct conduit for pollutants. This property is within a groundwater susceptibility area. The well was sealed with bentonite by a state-certified well sealer. The well was 110' deep.

Comments

Also PLSLWD #11-06 project.

BMP(s) POLLUTION REDUCTION ESTIMATE(s)

1. Well Decommissioning-351 *Mapped = Yes* None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011 Landowner Cost	91.00	91.00	12/20/11
2. 2011 Cost Share Base Grant - Scott (SWCD)	452.00	452.00	12/20/11
3. 2011 PLSL Watershed District Cost-Share	362.00	362.00	12/20/11
Totals:	905.00	905.00	

List of Attached Files (click to view)

1. [Dan Johnson Well Decommission.pdf](#)

Document Description

Dan Johnson Well Decommission

Date Added

12/23/11

Project: Mark Novak Well Decommission

Project Number: State C/S #11-10
Primary Cooperator: Mark Novak
Primary Practice: Unused Well Sealing or Groundwater Protection

Approval Date: 6/15/2011
Start Date: 10/07/2011
Completion Date: 10/07/2011

Description

An unused well located on an old farmstead will be sealed. This well is in a pit, which may gather incoming surface water. This unused well is in a priority drainage area.

Actual Results

Conservation Practice Installed: Well Decommission (351). Groundwater will be protected from contamination by eliminating a direct conduit to water source. Well record is not listed on the Minnesota Department of Health's website. The Hartmann well sealing estimate indicates some tress will need to be cleared and a backhoe needed to clean out the well pit. This is not in a defined groundwater susceptibility area. The well was sealed with bentonite by a state-certified well sealer. The well was 300' deep.

Comments

Jaeckels Well Service, Inc., was the construction contractor.
Also SWMO #11-24 project.

<u>BMP(s)</u>		<u>POLLUTION REDUCTION ESTIMATE(s)</u>
1. Well Decommissioning-351	Mapped = Yes	None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011 Cost Share Base Grant - Scott (SWCD)	356.00	356.00	12/20/11
2. 2011 Landowner Cost	238.00	238.00	12/20/11
3. Scott WMO	356.00	356.00	12/20/11
Totals:	950.00	950.00	

Project: Shirley Knutson

Project Number: State C/S #11-08

Approval Date: 6/15/2011

Primary Cooperator: Shirley Knutson

Start Date:

Primary Practice: Unused Well Sealing or Groundwater Protection

Completion Date:

Description

The landowner would like to seal an unused well on her property. No records were found that would give information about the well. However, there is a record of a neighbor's well, which is likely similar to this well. The neighbor's well record justifies the quotes received for the project, as well as supports our hypothesis that the well penetrates a confining layer. This is a priority drainage area.

Actual Results

Conservation Practice Installed: Well Decommission (351). Groundwater resources will be protected from contamination by eliminating a possible direct conduit for pollutants. This property is not within a groundwater susceptibility area. The well was sealed by a state-certified well sealer with bentonite.

Comments

Hartmann Well LLP was the construction contractor.

BMP(s) POLLUTION REDUCTION ESTIMATE(s)

1. Well Decommissioning-351 *Mapped = Yes* None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011 Cost Share Base Grant - Scott (SWCD)	431.00	431.00	12/20/11
2. Scott WMO	431.00	431.00	12/20/11
3. 2011 Landowner Cost	288.50	288.50	12/20/11
Totals:	1,150.50	1,150.50	

Project: John Noterman Well Decommission

Project Number: State C/S #11-09
Primary Cooperator: John Noterman
Primary Practice: Unused Well Sealing or Groundwater Protection

Approval Date: 8/3/2011
Start Date: 12/08/2011
Completion Date: 12/08/2011

Description

The landowner would like to seal an unused well on his property. No records were found, which would give information about the well. However, there is a record of a neighbor's well, which is likely similar to this well. The neighbor's well record justifies the quotes received for the project, as well as supports our hypothesis that the well penetrates confining layers. Groundwater resources would be protected from contamination by eliminating a possible direct conduit for pollutants.

Actual Results

Conservation Practice Installed: Well Decommission (351). Groundwater resources will be protected from contamination by eliminating a possibly direct conduit for pollutants. This property is within a groundwater susceptibility area. the well was sealed by a state-certified well sealer with bentonite. The well was 111' deep.

Comments

Construction contractor was Hartmann Well LLP.

BMP(s) POLLUTION REDUCTION ESTIMATE(s)

1. Well Decommissioning-351 *Mapped = Yes* None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011 PLSL Watershed District Cost-Share	417.00	417.00	12/20/11
2. 2011 Cost Share Base Grant - Scott (SWCD)	521.00	521.00	12/20/11
3. 2011 Landowner Cost	104.00	104.00	12/20/11
Totals:	1,042.00	1,042.00	

Project: Richard "Cal" McCracken Well Decommission

Project Number: State C/S #11-07
Primary Cooperator: Richard McCracken
Primary Practice: Unused Well Sealing or Groundwater Protection

Approval Date: 6/21/2011
Start Date: 11/17/2011
Completion Date: 11/17/2011

Description

An unused well will be sealed.

Actual Results

Conservation Practice Installed: Well Decommission (351). Groundwater will be protected from contamination by eliminating a direct conduit to water source. Well record is not listed on the Minnesota Department of Health's website. The well was sealed by a state-certified well sealer with bentonite. The well was 152' deep.

Comments

Hartmann Well LLP was the contractor.

<u>BMP(s)</u>		<u>POLLUTION REDUCTION ESTIMATE(s)</u>
1. Well Decommissioning-351	Mapped = Yes	None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. Scott WMO	486.00	486.00	12/20/11
2. 2011 Landowner Cost	324.00	324.00	12/20/11
3. 2011 Cost Share Base Grant - Scott (SWCD)	485.00	485.00	12/20/11
Totals:	1,295.00	1,295.00	

Project: Allen Schmitz-Mike Eischens Water & Sediment Control Basin

Project Number: State C/S #11-01
Primary Cooperator: Allen Schmitz
Primary Practice: Sediment Basin or Ponds

Approval Date: 10/12/2011
Start Date: 10/17/2011
Completion Date: 12/10/2011

Description

The landowner needed to construct a 325-foot water & sediment basin perpendicular to ephemeral field erosion on a cropped field. Erosion of 46 tons per year. Sediment and nutrients filtered out before entering tile lines. Erosion rates the last few years were accelerated due to large runoff events. Also Scott WMO #11-32.

Actual Results

Conservation Practice Installed: Water & Sediment Control Basin (638). Big Possum Creek is the resource protected. Soil loss went from 46 tons/year to 0 tons/year and phosphorus loading went from 11 pounds/year to 0 pounds/year. Two dikes were built perpendicular to the slope to intercept surface runoff. Maximum discharge will now be reduced to .3 cubic feet/second for each basin.

Comments

Tim Murphy Landscaping was the construction contractor.

<u>BMP(s)</u>		<u>POLLUTION REDUCTION ESTIMATE(s)</u>
1. Water and Sediment Control Basin-638	Mapped = Yes	None
2. Water and Sediment Control Basin-638	Mapped = Yes	

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Date Last Spent</u>
1. 2011 Cost Share Base Grant - Scott (SWCD)	2,400.00	2,400.00	12/20/11
2. Scott WMO	2,426.00	2,426.00	12/20/11
3. Scott Watershed Management Organization	3,000.00	3,000.00	12/20/11
4. 2011 Landowner Cost	999.00	999.00	12/20/11
Totals:	8,825.00	8,825.00	

List of Attached Files (click to view)

- [1. CFI \(schmitz-eischens\).pdf](#)
- [2. Schmitz-Eichens WSCB Soils.pdf](#)

Document Description

Allen Schmitz WSCB
Schmitz-Eischens topo map

Date Added

12/22/11
1/24/12

Project: Mary and Larry Schenck

Project Number: State C/S #11-02
Primary Cooperator: Mary and Larry Schenck
Primary Practice: Unused Well Sealing or Groundwater Protection

Approval Date: 2/16/2011
Start Date: 12/31/2010
Completion Date: 12/31/2010

Description

This project meets BWSR's high priority definition of water quality because the resource in jeopardy is groundwater. The unused well provided a conduit for contamination to reach groundwater supplies.

Actual Results

Conservation Practice Installed: Well Decommission (351).

Comments

Construction contractor was Hartmann Well, LLP

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. 2011 Landowner Cost	570.00	570.00	2/15/11
2. 2011 Cost Share Base Grant - Scott (SWCD)	570.00	570.00	2/15/11
Totals:	1,140.00	1,140.00	

End of 2011 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*