

Workplan / Grant Application / Project Summary Report
2011 Souther Minnesota Flood Relief Phase 1

Submitted by: **Nobles SWCD**

Grant Fund Type: State Cost-Share Fund

Fund Year: 2011

<i>Total Grant Amount:</i>	\$50,000.00	<i>Amount Budgeted for this Workplan:</i>	\$49,269.50	<i>Amount Spent for this workplan:</i>	30,436.00	<i>Amount Not Spent on this workplan:</i>	\$18,833.50
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BMP Detail Summary

Number of BMP's Installed	BMP Name	Shape Type	Linear Ft.	Total Acres	Total Mapped BMPs	Soil Loss Reduction Tons/Yr	Sediment Reduction Tons/Yr	Phosphorus Reduction Lbs/Yr
1	Diversion - 362	BMP Line	200	0.00	1	0.00	0.00	0.00
2	Grassed Waterway - 412	BMP Polygon	0	4.87	2	0.00	0.00	0.00
1	Streambank and Shoreline Protection - 580	BMP Line	400	0.00	1	0.00	0.00	0.00
8	Water and Sediment Control Basin - 638	BMP Point	0	0.00	8	0.00	0.00	0.00
Total # installed BMPs: 12						0.00	0.00	0.00 Lbs/Yr
Total # mapped BMPs: 12						Tons/Yr	Tons/Yr	

L&W Project Name: **FRG-2011-1-DE**

BMP(s)

1. Water and Sediment Control Basin-638 *Mapped = Yes*

POLLUTION REDUCTION ESTIMATE(s)

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

Project Description

Repair of existing engineered Sed Basins

Actual Results

Repair of existing engineered Sed Basins

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	400.00	400.00	400.00	1/30/12	1/30/12
Totals:	400.00	400.00	400.00		

L&W Project Name: **FRG-2011-2-GE**

<u>BMP(s)</u>	
1. Water and Sediment Control Basin-638	<i>Mapped = Yes</i>

<u>POLLUTION REDUCTION ESTIMATE(s)</u>		
-Water Pollution (Reduction Estimates)		
Phosphorus (est. reduction)		1.00 Lbs/Yr
Sediment (TSS)		1.00 Tons/Yr
Soil (est. savings)		1.00 Tons/Yr

Project Description

Repair of existing Sed Basin, due to flooding damage

Actual Results

Repair of existing Sed Basin, due to Flooding Damage

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	250.00	250.00	250.00	1/30/12	1/30/12
Totals:	250.00	250.00	250.00		

L&W Project Name: **FRG-2011-3-LE**

<u>BMP(s)</u>	
1. Water and Sediment Control Basin-638	<i>Mapped = Yes</i>

<u>POLLUTION REDUCTION ESTIMATE(s)</u>		
-Water Pollution (Reduction Estimates)		
Phosphorus (est. reduction)		1.00 Lbs/Yr
Sediment (TSS)		1.00 Tons/Yr
Soil (est. savings)		1.00 Tons/Yr

Project Description

Repair of existing Sed Basins, Damaged in Flooding

Actual Results

Repair of existing Sed Basins, Damaged in Flooding

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	550.00	550.00	550.00	1/30/12	1/30/12
Totals:	550.00	550.00	550.00		

L&W Project Name: **FRG-2011-4-LE**

<u>BMP(s)</u>	
1. Grassed Waterway-412	<i>Mapped = Yes</i>

<u>POLLUTION REDUCTION ESTIMATE(s)</u>	
-Water Pollution (Reduction Estimates)	
Phosphorus (est. reduction)	1.00 Lbs/Yr
Sediment (TSS)	1.00 Tons/Yr
Soil (est. savings)	1.00 Tons/Yr

Project Description

Repair of waterway damaged in flooding

Actual Results

Repair of waterway damaged in flooding

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	2,210.00	2,210.00	2,210.00	1/30/12	1/30/12
Totals:	2,210.00	2,210.00	2,210.00		

L&W Project Name: **FRG-2011-8-MM**

<u>BMP(s)</u>	
1. Streambank and Shoreline Protection-580	<i>Mapped = Yes</i>

<u>POLLUTION REDUCTION ESTIMATE(s)</u>	
-Water Pollution (Reduction Estimates)	
Phosphorus (est. reduction)	106.00 Lbs/Yr
Sediment (TSS)	106.00 Tons/Yr
Soil (est. savings)	106.00 Tons/Yr

Project Description

Streambank Stabilization Project

Actual Results

Installation of 3 J-hooks for streambank stabilization purposes.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	9,131.18	9,131.18	9,131.18	1/30/12	1/30/12
Totals:	9,131.18	9,131.18	9,131.18		

L&W Project Name: **FRG-2011-5-RM**

<u>BMP(s)</u>	
1. Grassed Waterway-412	<i>Mapped = Yes</i>

<u>POLLUTION REDUCTION ESTIMATE(s)</u>	
-Water Pollution (Reduction Estimates)	
Phosphorus (est. reduction)	1.00 Lbs/Yr
Sediment (TSS)	1.00 Tons/Yr
Soil (est. savings)	1.00 Tons/Yr

Project Description

Repair of grassed Waterway

Actual Results

Repair of Grassed Waterway

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	1,260.00	1,260.00	1,260.00	1/30/12	1/30/12
Totals:	1,260.00	1,260.00	1,260.00		

L&W Project Name: **FRG-2011-06-CS**

<u>BMP(s)</u>	
1. Diversion-362	<i>Mapped = Yes</i>

<u>POLLUTION REDUCTION ESTIMATE(s)</u>	
-Water Pollution (Reduction Estimates)	
Phosphorus (est. reduction)	1.00 Lbs/Yr
Sediment (TSS)	1.00 Tons/Yr
Soil (est. savings)	1.00 Tons/Yr

Project Description

Repair of flood damaged diversion

Actual Results

Repair of flood damaged diversion

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	2,500.00	2,500.00	2,500.00	1/30/12	1/30/12
Totals:	2,500.00	2,500.00	2,500.00		

L&W Project Name: **FRG-2011-7-JS**

<u>BMP(s)</u>	
1. Water and Sediment Control Basin-638	<i>Mapped = Yes</i>

<u>POLLUTION REDUCTION ESTIMATE(s)</u>	
-Water Pollution (Reduction Estimates)	
Phosphorus (est. reduction)	255.00 Lbs/Yr
Sediment (TSS)	255.00 Tons/Yr
Soil (est. savings)	255.00 Tons/Yr

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 - EQIP Cost-share	3,752.05	3,752.05	3,752.05	3/1/12	3/1/12
2. 2011 Landowner Contribution-Nobles SWCD	565.22	565.22	565.22	3/1/12	3/1/12
3. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	1,334.98	1,334.98	1,334.98	1/30/12	1/30/12
4. 2011 Cost Share Base Grant - Nobles (SWCD)	0.00	0.00	0.00		
Totals:	5,652.25	5,652.25	5,652.25		

L&W Project Name:

FRG-2011-9-VC

BMP(s)

0.
None

POLLUTION REDUCTION ESTIMATE(s)

None

Project Description

Streambank restoration/protection project

Actual Results

This contract was approved fr cost overruns for a flodd relief project. Project came in under budget and funds not needed. Contract was cancelled.

Comments

Planned construction after August 15th, 2012 due to endangered species limitations by USFW

FUND(s)

	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	0.00	0.00	0.00		
Totals:	0.00	0.00	0.00		

Initiative Name:

2011 Southern Minnesota Flood Relief

Initiative Name: **2011 Southern Minnesota Flood Relief**

Initiative Type: Technical and Engineering

Year: 2011

Description

FY 2011 Funds for technical assistance for up to 10,000. Technical assistance for streambanks will be provided by Southwest Prairie TSA with the proper TAA. Waterways, terraces, Diversions, Sed Basins and Critical area pantings will be designed by NRCS Staff having the proper TAA. SWCD Staff will assit NRCS and SWPTSA in survey and design in the process of obtaining TAA. Local board Policy is to allow 100% cost-share for Streambank Projects and Flood damage repairs and 90% Cost-share for flood reduction projects.

Comments

Funds will be expended in 2013 after all projects completed.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	10,000.00	10,000.00	0.00		
Totals:	10,000.00	10,000.00	0.00		

L&W Project Name: **FRG-2011-14-JK**

<u>BMP(s)</u>	
1. Water and Sediment Control Basin-638	<i>Mapped = Yes</i>

<u>POLLUTION REDUCTION ESTIMATE(s)</u>		
-Water Pollution (Reduction Estimates)		
Phosphorus (est. reduction)	29.00	Lbs/Yr
Sediment (TSS)	29.00	Tons/Yr
Soil (est. savings)	29.00	Tons/Yr

Project Description

Installation of 2 Sed Basins for purposes of flood mitigation for nearby DNR Protected Stream.

Actual Results

Completion of 2 Sed Basins for purposes of flood mitigation for nearby DNR Protected Stream.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	7,747.24	7,747.24	7,747.24	12/13/12	12/13/12
Totals:	7,747.24	7,747.24	7,747.24		

L&W Project Name: **FRG-2011-10-JP**

<u>BMP(s)</u>	
1. Water and Sediment Control Basin-638	<i>Mapped = Yes</i>

<u>POLLUTION REDUCTION ESTIMATE(s)</u>		
-Water Pollution (Reduction Estimates)		
Phosphorus (est. reduction)	1.00	Lbs/Yr
Sediment (TSS)	1.00	Tons/Yr
Soil (est. savings)	1.00	Tons/Yr

Project Description

Repair of 3500 feet of sed basins damaged during flooding of september of 2010

Actual Results

Portion of earthwork completed late fall 2012, additional dirtwork and tile repairs expected spring 2013

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	8,833.50	8,833.50	0.00		
Totals:	8,833.50	8,833.50	0.00		

L&W Project Name: **FRG-2011-12-MW**

<u>BMP(s)</u>	
1. Water and Sediment Control Basin-638	<i>Mapped = Yes</i>

<u>POLLUTION REDUCTION ESTIMATE(s)</u>	
-Water Pollution (Reduction Estimates)	
Phosphorus (est. reduction)	45.00 Lbs/Yr
Sediment (TSS)	45.00 Tons/Yr
Soil (est. savings)	45.00 Tons/Yr

Project Description

Installation of a 300ft Sed Basin for flood mitigation and erosion control

Actual Results

Completion of a 300ft Sed Basin for flood mitigation and erosion control

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Landowner Contribution-Nobles SWCD	4,755.63	4,755.63	4,755.63	2/20/13	2/20/13
2. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	2,802.60	2,802.60	2,802.60	12/20/12	12/20/12
Totals:	7,558.23	7,558.23	7,558.23		

L&W Project Name: **FRG-2011-13-JV**

<u>BMP(s)</u>	
1. Water and Sediment Control Basin-638	<i>Mapped = Yes</i>

<u>POLLUTION REDUCTION ESTIMATE(s)</u>	
-Water Pollution (Reduction Estimates)	
Phosphorus (est. reduction)	1.00 Lbs/Yr
Sediment (TSS)	1.00 Tons/Yr
Soil (est. savings)	1.00 Tons/Yr

Project Description

Repair of flood damaged sed basins

Actual Results

Completed repair of flood damaged sed basins

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2011 Southern Minnesota Flood Relief - Nobles (SWCD)	2,250.00	2,250.00	2,250.00	12/20/12	12/20/12
Totals:	2,250.00	2,250.00	2,250.00		

Program Specific Workplan Items