



## Grant All-Detail Report 2012 Cost Share Base Grant

**Grant Title - 2012 Cost Share Base Grant - Renville (SWCD)**

**Grant ID - C13-5351**

**Organization - Renville SWCD**

Grant Awarded Amount	<b>\$13,598.00</b>	Grant Execution Date	
Required Match Amount	\$3,399.50	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	Ryan Clark

### Budget Summary

	Budgeted	Spent	Balance Remaining
Total Grant Amount	\$13,598.00	\$9,379.25	\$4,218.75
Total Match Amount	\$80,353.65	\$58,985.65	\$21,368.00
Total Other Funds	\$19,249.98	\$12,029.98	\$7,220.00
<b>Total</b>	<b>\$113,201.63</b>	<b>\$80,394.88</b>	<b>\$32,806.75</b>

### Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Clobus Diversion	Agricultural Practices	Current State Grant	2012 Cost Share Base Grant - Renville (SWCD)	\$375.00	\$375.00	11/8/2012	N
Clobus Diversion	Agricultural Practices	Landowner Fund	Landowner Match	\$125.00	\$125.00	11/8/2012	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
FY12 CS Tech Assistance and Admin	Technical/Engineering Assistance	Current State Grant	2012 Cost Share Base Grant - Renville (SWCD)	\$2,719.60	\$1,875.85	10/10/2013	N
Gaasch Streambank Stabilization	Streambank or Shoreline Protection	Current State Grant	2012 Cost Share Base Grant - Renville (SWCD)	\$4,638.05	\$4,638.05	1/10/2013	N
Gaasch Streambank Stabilization	Streambank or Shoreline Protection	Federal Funds	EQUIP	\$35,409.90	\$35,409.90	1/10/2013	Y
Gaasch Streambank Stabilization	Streambank or Shoreline Protection	Landowner Fund	Landowner Match	\$14,131.25	\$14,131.25	1/10/2013	Y
Gaasch Streambank Stabilization	Streambank or Shoreline Protection	Other Funds	2012 - LWM (NRBG) - Renville (COUNTY)	\$2,345.80	\$2,345.80	1/10/2013	N
Kurth Bark Bed	Livestock Waste Management	Current State Grant	2012 Cost Share Base Grant - Renville (SWCD)	\$3,375.00			N
Kurth Bark Bed	Livestock Waste Management	Federal Funds	EQUIP	\$13,988.00			Y
Kurth Bark Bed	Livestock Waste Management	Landowner Fund	Landowner Match	\$7,380.00			Y
Kurth Bark Bed	Livestock Waste Management	Other Funds	2013 Cost Share Base Grant - Renville (SWCD)	\$2,300.00			N
Kurth Bark Bed	Livestock Waste Management	Other Funds	Landowner Match	\$4,920.00			Y
Smith Bank Stabilization	Streambank or Shoreline Protection	Current State Grant	2012 Cost Share Base Grant - Renville (SWCD)	\$2,490.35	\$2,490.35	10/10/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Smith Bank Stabilization	Streambank or Shoreline Protection	Federal Funds	Hawk Creek Federal EPA Funds	\$5,812.00	\$5,812.00	9/30/2013	Y
Smith Bank Stabilization	Streambank or Shoreline Protection	Landowner Fund	Landowner Match	\$3,507.50	\$3,507.50	10/10/2013	Y
Smith Bank Stabilization	Streambank or Shoreline Protection	Other Funds	2011 Cost Share Base Grant - Renville (SWCD)	\$509.65	\$509.65	10/10/2013	N
Smith Bank Stabilization	Streambank or Shoreline Protection	Other Funds	2013 Cost Share Base Grant - Renville (SWCD)	\$1,710.50	\$1,710.50	10/10/2013	N
Smith Bank Stabilization	Streambank or Shoreline Protection	Other Funds	HC 319 Grant	\$5,812.00	\$5,812.00	10/10/2013	Y
Smith Bank Stabilization	Streambank or Shoreline Protection	Other Funds	Landowner Match	\$1,273.22	\$1,273.22	10/10/2013	Y
Smith Bank Stabilization	Streambank or Shoreline Protection	Other Funds	Landowner Match In-Kind	\$378.81	\$378.81	10/10/2013	Y

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
362 - Diversion	1	1	150 LINEAR FEET
580 - Streambank and Shoreline Protection	1	2	200 LINEAR FEET
629 - Waste Treatment	1	2	0 AC
584 - Stream Channel Stabilization	1	3	200 LINEAR FEET



Indicators Summary

Indicator Name	Total Value	Unit
BOD 5	1392.8	LBS/YR
FECAL COLIFORM	45	CFU/YR
SOIL (EST. SAVINGS)	41.08	TONS/YR
SEDIMENT (TSS)	41.08	TONS/YR
COD	105	LBS/YR
NITROGEN	78.9	LBS/YR
PHOSPHORUS (EST. REDUCTION)	104.08	LBS/YR
PHOSPHORUS FEEDLOT (EST. REDUCTION)	2	LBS/YR

Grant Activity

Grant Activity - Clobus Diversion			
Description			
Category	AGRICULTURAL PRACTICES		
Start Date	9-Aug-12	End Date	08-Nov-12
Rates and Hours			
Actual Results	Diversion installed to prevent clean water from entering the feedlot diverted to crop field.		

Activity Action - Clobus Diversion			
Practice	362 - Diversion	Count of Activities	1
Description	Diversion to prevent clean water from entering feedlot diverted to crop field.		
Proposed Size / Units	150 LINEAR FEET	Lifespan	15 Years
Actual Size/Units	150 LINEAR FEET	Installed Date	8-Nov-12
Summary for Clobus Diversion			
Indicator Name	BOD 5	Value	24
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM

Waterbody	MN River		
Indicator for Global Diversion			
Indicator Name	PHOSPHORUS FEEDLOT (EST. REDUCTION)	Value	2
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	MN River		
Indicator for Global Diversion			
Indicator Name	NITROGEN	Value	5
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	MN River		
Indicator for Global Diversion			
Indicator Name	FECAL COLIFORM	Value	45
Indicator Subcategory/Units	MinnFARM CFU/YR	Calculation Tool	MINNFARM
Waterbody	MN River		
Indicator for Global Diversion			
Indicator Name	COD	Value	105
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	MN River		
Grant Activity - FY12 CS Tech Assistance and Admin			
Description	20% TA for Cost Share Grant to complete design and administration of the grant.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Jul-11	End Date	
Rates and Hours	20% TA for Cost Share Grant.		
Actual Results	<p>Contract 03-11 Stream Channel Stabilization. TAA Kyle Vogt (South Central Technical Service Area Engineer) meet NRCS technical standard 584. Assisted engineer with survey and construction inspection. \$622.59 (15.6 hours @ \$40/hr).</p> <p>Contract 01-12 Diversion. TAA Jeff Kjørness (NRCS FO District Conservationist) meet NRCS technical standard 362. Surveyed, designed and conducted construction inspection. \$93.75(2.3 hours @ \$40/hr).</p> <p>Contract 02-12 Stream Channel Stabilization. TAA Eric Soupir (NRCS Area 5 Engineer) meet NRCS technical standards 584. Assisted engineer with survey and construction inspection. \$1,159.51 (29.0 hours @ \$40/hr).</p> <p>Contract 03-12 Waste Water Treatment. TAA Eric Soupir (NRCS Area 5 Engineer) meet NRCS technical standards 629. Assisted engineer with survey and construction inspection. \$843.75 (21.1 hours @ \$40/hr).</p>		



Grant Activity - Gaasch Streambank Stabilization			
Description	Install approximately 200' of stream bank protection on Birch Cooley Creek on an eroding bend in the river.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	9-Aug-12	End Date	10-Jan-13
Rates and Hours			
Actual Results	Installed approximately 200' of stream bank protection on Birch Cooley Creek on an eroding bend in the river.		

Activity Action - Gaasch Streambank Stabilization			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Streambank stabilization structure on banks of Birch Cooley Creek.		
Proposed Size / Units	200 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	200 LINEAR FEET	Installed Date	
Annual Indicator for Gaasch Streambank Stabilization			
Indicator Name	SEDIMENT (TSS)	Value	21.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Birch Cooley Creek		
Annual Indicator for Gaasch Streambank Stabilization			
Indicator Name	SOIL (EST. SAVINGS)	Value	21.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Birch Cooley Creek		
Annual Indicator for Gaasch Streambank Stabilization			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	21.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Birch Cooley Creek		

Grant Activity - Kurth Bark Bed			
Description	Bark Bed for 75 milk cows.		
Category	LIVESTOCK WASTE MANAGEMENT		
Start Date	14-Mar-13	End Date	
Rates and Hours			
Actual Results	Planned construction fall/winter 2013.		

Activity Action - Kurth Bark Bed			
Practice	629 - Waste Treatment	Count of Activities	1
Description	Barkbed with area of 0.076 acres		
Proposed Size / Units	0.076 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	
Grand Indicator for Kurth Bark Bed			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	63
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Milkhouse Waste Calc.
Waterbody	Minnesota River		
Grand Indicator for Kurth Bark Bed			
Indicator Name	NITROGEN	Value	73.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Milkhouse Waste Calc.
Waterbody	Minnesota River		
Grand Indicator for Kurth Bark Bed			
Indicator Name	BOD 5	Value	1368.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Milkhouse Waste Calc.
Waterbody	Minnesota River		



Grant Activity - Smith Bank Stabilization			
Description	Bank Stabilization on Smith Creek just upstream of outlet into MN River.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	14-Jun-12	End Date	10-Oct-13
Rates and Hours			
Actual Results	200' stream bank stabilization on Smith Creek.		

Activity Action - Smith Bank Stabilization			
Practice	584 - Stream Channel Stabilization	Count of Activities	1
Description	Stream Channel Stabilization		
Proposed Size / Units	150 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	200 LINEAR FEET	Installed Date	10-Oct-13
Annual Indicator for Smith Bank Stabilization			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	19.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Smith Creek		
Annual Indicator for Smith Bank Stabilization			
Indicator Name	SOIL (EST. SAVINGS)	Value	19.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Smith Creek		
Annual Indicator for Smith Bank Stabilization			
Indicator Name	SEDIMENT (TSS)	Value	19.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Smith Creek		

## Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/19/2014



Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 09/25/2013
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 10/03/2013
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/14/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/18/2014
Kurth bark bed nutrient load reduction	Grant	2012 Cost Share Base Grant - Renville (SWCD)
all_details_gap.rpt	Grant	2012 Cost Share Base Grant - Renville (SWCD)
grant_app_general-added.rpt	Grant	2012 Cost Share Base Grant - Renville (SWCD)

