



Grant All-Detail Report

Multipurpose Drainage Management 2016

Grant Title - Stearns County Ditch 26 Drainage Management

Grant ID - C16-0788

Organization - Sauk River WD

Grant Awarded Amount	\$160,000.00	Grant Execution Date	3/7/2016
Required Match Amount	\$40,000.00	Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Lynn Nelson

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$160,000.00	\$73,363.75	\$86,636.25
Total Match Amount	\$40,000.00	\$44,213.27	\$-4,213.27
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$200,000.00	\$117,577.02	\$82,422.98

**Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.*

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Administration/Coordination	Administration /Coordination	Current State Grant	Stearns County Ditch 26 Drainage Management	\$7,500.00	\$398.17	12/31/2017	N
Administration/Coordination	Administration /Coordination	Local Fund	local organizations	\$2,500.00	\$1,013.21	6/30/2017	Y
Drainage Management - Temp - BMP Drainage Projects	Conservation Drainage	Current State Grant	Stearns County Ditch 26 Drainage Management	\$100,000.00	\$70,586.25	6/16/2017	N
Drainage Management - Temp - BMP Drainage Projects	Conservation Drainage	Local Fund	Funding from local organizations and landowners	\$35,000.00	\$29,777.00	5/16/2017	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Drainage Management - Technical Assistance	Technical/Engineering Assistance	Current State Grant	Stearns County Ditch 26 Drainage Management	\$50,000.00	\$2,323.77	12/31/2017	N
Drainage Management - Technical Assistance	Technical/Engineering Assistance	Local Fund	local organizations	\$1,500.00	\$12,544.87	10/25/2017	Y
Project Development - planning	Planning and Assessment	Current State Grant	Stearns County Ditch 26 Drainage Management	\$2,500.00	\$55.56	12/31/2017	N
Project Development - planning	Planning and Assessment	Local Fund	local organizations	\$1,000.00	\$878.19	6/30/2017	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
148M - Erosion Control	6	1	6 COUNT	6 COUNT
148M - Erosion Control	1	1	600 LINEAR FEET	600 LINEAR FEET
148M - Erosion Control	2	1	200 LINEAR FEET	200 LINEAR FEET
148M - Erosion Control	1	1	1 COUNT	1 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	89.00	TONS/YR
PHOSPHORUS (EST. REDUCTION)	47.00	LBS/YR
PREVENTION	6.00	COUNT

Grant Activity

Grant Activity - Administration/Coordination			
Description	CWF dollars will be used for SRWD staff to track project progress and expenditures as well as the required reporting to the funding agencies. Funds will be used for public notices and other legal obligations for this project as listed under state statute 103D and 103E.		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-16	End Date	31-Dec-18
Has Rates and Hours?	Yes		
Actual Results	2017: Completed project expenditures, payment request for BMP projects and completed year end report. 2016: completed the project expenditures, budget tracking and year end report. Completed payment request for BMP projects.		

Grant Activity - Drainage Management - Temp - BMP Drainage Projects			
Description	BMPs will focus on conservation drainage practices that reduce erosion and nutrient runoff. Projects include side inlet controls, drainage water management plan, structures for water and sediment control, open tile inlet replacement, buffers adjacent to side inlets, bank stabilization and other approved innovative practices.		
Category	CONSERVATION DRAINAGE		
Start Date	1-Jan-16	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	2017: Worked with contractor to install toe stabilization, side inlet stabilization and repair a gully erosion along CD26. 2016: Worked with contractor to installed core logs to protect toe of slope along CD26.		

Activity Action - CD26 toe protection STA 603+00 to 611+00 downstream of 176			
Practice	148M - Erosion Control	Count of Activities	1
Description	Install core log to protect toe of slope from stations 603+00 to 611+00.		
Proposed Size / Units	600.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	600.00 LINEAR FEET	Installed Date	5-May-16
Mapped Activities	1 Line(s)		

Final Indicator for CD26 toe protection STA 603+00 to 611+00 downstream of 176			
Indicator Name	SEDIMENT (TSS)	Value	18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)

Waterbody	Getchell Creek - CD26		
Final Indicator for CD26 toe protection STA 603+00 to 611+00 downstream of 176			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Getchell Creek CD26		

Activity Action - Inlet Gully Erosion Sta 28+00 to 30+0 North of Cty Rd 30			
Practice	148M - Erosion Control	Count of Activities	1
Description	restore eroding inlet to prevent sediment loading to CD26		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	11-May-17
Mapped Activities	1 Line(s)		

Final Indicator for Inlet Gully Erosion Sta 28+00 to 30+0 North of Cty Rd 30			
Indicator Name	SEDIMENT (TSS)	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Getchell Creek - CD26		

Final Indicator for Inlet Gully Erosion Sta 28+00 to 30+0 North of Cty Rd 30			
Indicator Name	PREVENTION	Value	6
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Getchell Creek - CD26		

Activity Action - Toe Protection Sta. 28+00 to 30+00 North of Cty Rd 30			
Practice	148M - Erosion Control	Count of Activities	1
Description	Install hard armor to protect toe of slope to prevent further erosion		
Proposed Size / Units	200.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	200.00 LINEAR FEET	Installed Date	11-May-17
Mapped Activities	1 Line(s)		

Final Indicator for Toe Protection Sta. 28+00 to 30+00 North of Cty Rd 30			
Indicator Name	SEDIMENT (TSS)	Value	18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Getchell Creek - CD26		

Final Indicator for Toe Protection Sta. 28+00 to 30+00 North of Cty Rd 30			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Getchell Creek - CD26		

Activity Action - 6 inlet stabilization North of Cty Rd 30			
Practice	148M - Erosion Control	Count of Activities	6
Description	Restore 6 eroding inlets to CD26		
Proposed Size / Units	6.00 COUNT	Lifespan	10 Years
Actual Size/Units	6.00 COUNT	Installed Date	11-May-17
Mapped Activities	1 Line(s)		

Final Indicator for 6 inlet stabilization North of Cty Rd 30			
Indicator Name	SEDIMENT (TSS)	Value	10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Getchell Creek - CD26		

Final Indicator for 6 inlet stabilization North of Cty Rd 30			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Getchel Creek - CD26		

Activity Action - Toe Stabilization @ Cty RD 176 598+00-600+00			
Practice	148M - Erosion Control	Count of Activities	1
Description	Stabilize slope to prevent further erosion		
Proposed Size / Units	200.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	200.00 LINEAR FEET	Installed Date	11-May-17
Mapped Activities	1 Line(s)		

Final Indicator for Toe Stabilization @ Cty RD 176 598+00-600+00			
Indicator Name	SEDIMENT (TSS)	Value	32
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Getchell Creek (CD26)		

Final Indicator for Toe Stabilization @ Cty RD 176 598+00-600+00			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Getchel Cree -CD26		

Grant Activity - Drainage Management - Technical Assistance

Description	<p>Projects will be designed according to NRCS Field Office Technical Guide practice standards. SRWD staff will be working with the local SWCD, NRCS Technical Service Area Engineers and consulting engineer(s) to develop design plans and conduct project inspections during construction and follow-up to ensure stability of each installed project. CWF funds will be utilized to fund technical staff time and engineering costs to complete conservation BMPs.</p> <p>Long term maintenance for the conservation BMPs installed using CWF dollars will be conducted by the landowner, with assistance from the SRWD, through a site specific Operation and Maintenance Plan (O&M) developed by the SRWD and project engineer(s). Landowners will sign a Financial Assistance Agreement with the SRWD that states they agree to maintain the project for the life of the contract as stated in the O&M Plan or face legal action.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Jan-16	End Date	31-Dec-18
Has Rates and Hours?	Yes		
Actual Results	<p>2017: Worked with engineer and contractor to design and plan toe stabilization project, gully repair and site inlets stabilization.</p> <p>2016: Staff worked with contractor to install core logs and conducted field inspections throughout the project.</p>		

Grant Activity - Project Development - planning

Description	SRWD and Stearns SWCD staff will meet with landowners to discuss financial assistance and cost share requirements and assist them through the design process.		
Category	PLANNING AND ASSESSMENT		
Start Date		End Date	
Has Rates and Hours?	Yes		
Actual Results	2017: Met with several landowners along CD26 to go over alternative tile inlets, restoring eroding inlets and other drainage management practices. Most of staff time was in kind to project.		

Grant Attachments

Document Name	Document Type	Description
2016 Multipurpose Drainage Management	Grant Agreement	2016 Multipurpose Drainage Management - Sauk River WD
2016 Multipurpose Drainage Management executed	Grant Agreement	2016 Multipurpose Drainage Management - Sauk River WD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/12/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2018
Application	Workflow Generated	Workflow Generated - Application - 10/30/2015
CD26 Watershed Map	Grant	Stearns County Ditch 26 Drainage Managment
Stearns SWCD SRWD Multipurpose Drainage Letter of intent	Grant	Stearns County Ditch 26 Drainage Managment
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/17/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/03/2016
grantmap_15609_2015-10-27_03-59-03-PM.jpg	Grant	Stearns County Ditch 26 Drainage Managment