



Grant All-Detail Report Projects and Practices 2018

Grant Title - Skunk Creek Watershed Sediment Reduction

Grant ID - C18-3114

Organization - Carlton SWCD

Original Awarded Amount	\$414,830.00	Grant Execution Date	2/28/2018
Required Match Amount	\$103,707.50	Original Grant End Date	12/31/2020
Required Match %	25%	Grant Day To Day Contact	
Current Awarded Amount	\$414,830.00	Current End Date	12/31/2020

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$414,830.00	\$8,098.39	\$406,731.61
Total Match Amount	\$104,000.00	\$30,489.26	\$73,510.74
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$518,830.00	\$38,587.65	\$480,242.35

*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
Carlton County Transportation Match	Technical/Engineering Assistance	Local Fund		\$52,830.00	\$23,864.80	12/31/2018	Y
Construction	Streambank or Shoreline Protection	Current State Grant	Skunk Creek Watershed Sediment Reduction	\$348,830.00	\$1,000.00	3/5/2018	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Construction Match	Streambank or Shoreline Protection	Federal Funds		\$51,170.00	\$6,624.46	5/17/2018	Y
NCD Engineering Assitance	Technical/Engineering Assistance	Current State Grant	Skunk Creek Watershed Sediment Reduction	\$10,000.00			N
Project Administration	Administration /Coordination	Current State Grant	Skunk Creek Watershed Sediment Reduction	\$27,000.00	\$5,001.75	12/31/2018	N
Survey Equipment	Supplies/Equipment	Current State Grant	Skunk Creek Watershed Sediment Reduction	\$1,000.00	\$1,003.14	5/17/2018	N
Technical Assistance	Technical/Engineering Assistance	Current State Grant	Skunk Creek Watershed Sediment Reduction	\$28,000.00	\$1,093.50	12/31/2018	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline Protection	1	3	575 LINEAR FEET	LINEAR FEET

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
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Grant Activity

Grant Activity - Carlton County Transportation Match	
Description	Construction Inspection, permitting and survey/project staking match.
Category	TECHNICAL/ENGINEERING ASSISTANCE
Start Date	End Date
Has Rates and Hours?	No
Actual Results	County Transportation Department assistance with bidding, right of way purchase, permitting assistance and design development.

Grant Activity - Construction	
Description	Removal of pipe structure and stream restoration construction. Slope stabilization of two slump areas upstream of stream restoration. Construction inspection provided by the Carlton County Transportation Department and will be overseen by the County Engineer, along with assistance as needed from the design engineers (Cardno).
Category	STREAMBANK OR SHORELINE PROTECTION
Start Date	End Date
Has Rates and Hours?	No
Actual Results	Public Waters Permit was submitted and payed for.

Activity Action - Streamban Protection and Restoration			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	575.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	3 Line(s)		

Grant Activity - Construction Match	
Description	Fish Passage Program Construction Match
Category	STREAMBANK OR SHORELINE PROTECTION
Start Date	End Date
Has Rates and Hours?	No
Actual Results	Project designs were finalized by consulting engineer.

Grant Activity - NCD Engineering Assitance	
Description	Natural Channel Design Engineering Assistance will be provided by Cardno and North Flow LLC. Their team have experience with stream restoration throughout the US and Midwest, including local experience. Their staff have Level 4 Rosgen training.
Category	TECHNICAL/ENGINEERING ASSISTANCE
Start Date	End Date
Has Rates and Hours?	No
Actual Results	

Grant Activity - Project Administration	
Description	Hours for Water Resources Technician to provide coordination between the Carlton County Transportation Department, Engineers and contractors. Some time may be used to evaluate the next Red Clay Dam/Nemadji projects, citizen outreach and required Grant Reporting. Through a MPCA Civic Engagement grant, newsletters are planned in the Nemadji Watershed, and if funded, this project will be included in an article. In addition, an effort is planned to recruit additional citizen monitors to help collect transparency data in the watershed. Social media will also be used to share project updates, and possible news related articles in the local Pine Journal may also be submitted.
Category	ADMINISTRATION/COORDINATION
Start Date	End Date
Has Rates and Hours?	Yes
Actual Results	Coordination of project design was completed in 2018. Project was put out to bid in December 2018, with the bid opening in January 2019.

Grant Activity - Survey Equipment		
Description	Laser, Rod, Tripod and survey books to be used for construction and stream assessments.	
Category	SUPPLIES/EQUIPMENT	
Start Date		End Date
Has Rates and Hours?	No	
Actual Results	Purchased laser, rod and survey paper.	

Grant Activity - Technical Assistance		
Description	Hours for the Water Resource Technician to assist with survey, design, inspection and permitting of the project, along with providing stream assessments/culvert inventory as needed.	
Category	TECHNICAL/ENGINEERING ASSISTANCE	
Start Date		End Date
Has Rates and Hours?	Yes	
Actual Results	All permits were applied for and received for the project (Public Waters, Army Corps, County Shoreland and wetland).	

Grant Attachments

Document Name	Document Type	Description
2018 Competitive Grant	Grant Agreement	2018 Competitive Grant - Carlton SWCD
2018 Competitive Grant executed	Grant Agreement	2018 Competitive Grant - Carlton SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/03/2019
Application	Workflow Generated	Workflow Generated - Application - 08/08/2017
Public Waters Permit Invoice	Grant	Skunk Creek Watershed Sediment Reduction
Skunk Creek Watershed Application Images	Grant	Skunk Creek Watershed Sediment Reduction
SurveyEquipmentInvoice	Grant	Skunk Creek Watershed Sediment Reduction
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/20/2017
grantmap_18811_2017-08-02_02-31-09-PM.jpg	Grant	Skunk Creek Watershed Sediment Reduction