



Grant Progress Report

Cost Share 2021

Grant Title: 2021 - State Cost-Share Fund (Kanabec SWCD)

Grant ID: P21-5294

Grantee: Kanabec SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Deanna Pomije

Grant Award (\$): \$9,607.00

Required Match (%): 25

Required Match (\$): \$2,401.75

Grant Execution Date: 08/20/2019

Grant End Date: 12/31/2023

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$9,607.00	\$6,702.60	\$2,904.40
Match Funds	\$5,621.40	\$3,626.50	\$1,994.90
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$15,228.40	\$10,329.10	\$4,899.30

*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	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Structural Best Management Practices	Agricultural Practices	Current State Grant	2021 - State Cost-Share Fund (Kanabec SWCD)	\$2,685.60		\$2,685.60	N
Best Management Practices	Agricultural Practices	Landowner Fund	Landowner paid expenses toward the installation of Best Management Practices.	\$1,921.40		\$1,921.40	Y

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
Incentive Payments for Best Management Practices	Non-Structural Management Practices	Current State Grant	2021 - State Cost-Share Fund (Kanabec SWCD)	\$0.00		\$0.00	N
Shoreline Protection	Streambank or Shoreline Protection	Current State Grant	2021 - State Cost-Share Fund (Kanabec SWCD)	\$5,000.00	\$4,781.20	\$218.80	N
Shoreline Protection	Streambank or Shoreline Protection	Landowner Fund	Landowner match contribution on shoreline protection projects.	\$3,700.00	\$3,626.50	\$73.50	Y
Project Development	Technical/Engineering Assistance	Current State Grant	2021 - State Cost-Share Fund (Kanabec SWCD)	\$1,921.40	\$1,921.40	\$0.00	N

Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
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<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Pollution Prevention	Prevention	1	Count

Grant Activities

Activity Name: Best Management Practices						
Activity Category: Agricultural Practices					Staff time?: No	
Description: Landowner paid expenses toward the installation of Conservation Best Management Practices.						
Budget Details						
<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Landowner Fund	Landowner paid expenses toward the installation of Best Management Practices.	\$1,921.40		\$1,921.40		Y
Actual Results						

Activity Name: Incentive Payments for Best Management Practices

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: Cost-share funding for the implementation of Non-Structural Conservation Best Management Practices, county-wide. Practices to include cover crop (NRCS practice code 340) and reduced tillage (329). Funding to be offered as a flat rate payment following our Kanabec SWCD Non-Structural Land Management Practices Policy, which uses the current NRCS flat payment rates. Kanabec County Water Plan 2019-2028, on page 62, goal 1, action 2, for BMP installation toward a goal of 20 T/year soil erosion reduction and 380 # P reduction/yr.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2021 - State Cost-Share Fund (Kanabec SWCD)	\$0.00		\$0.00		N

Actual Results

Activity Name: Project Development

Activity Category: Technical/Engineering Assistance

Staff time?: No

Description: This activity includes SWCD staff time in outreach and coordinating projects with landowners, presenting project to boards, initial site visits, field work (surveys, construction), preliminary conservation planning, permitting coordination, designing (planting or erosion control plans) and calculating estimated pollution reduction numbers.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2021 - State Cost-Share Fund (Kanabec SWCD)	\$1,921.40	\$1,921.40	\$0.00	09/30/2022	N

Actual Results

SWCD staff time (District Mgr.) was spent on conservation project development. In development was a shoreland restoration project on Fish Lake. This involved taking out an aging rock retaining wall on a steep shoreline, to be replaced with extensive native plantings using coir logs and erosion control fabric. The design was completed including extensive planning with the landowner on plant selection for the site. Project development work also entailed other shoreland properties where consultations were provided with landowners and planning for a cover crop planting in a cash grain rotation. Planning was also started for a livestock pipeline for a prescribed grazing operation who is just starting new cover crops in a cropland field that will also be grazed providing added livestock bacteria through manure for improved soil health.

Activity Name: Shoreline Protection

Activity Category: Streambank or Shoreline Protection

Staff time?: No

Description: Shoreline protection projects along priority lakes' shoreline may be completed given they contribute to erosion control efforts.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2021 - State Cost-Share Fund (Kanabec SWCD)	\$5,000.00	\$4,781.20	\$218.80	08/31/2023	N
Landowner Fund	Landowner match contribution on shoreline protection projects.	\$3,700.00	\$3,626.50	\$73.50	08/31/2023	Y

Actual Results

Shoreline protection project was completed on Fish Lake, a priority lake. This project was also funded in-part through local funds of the Snake River Watershed Management Board (SRWMB), totaling 75% from both funding sources. This project removed an eroding 40+ year old retaining wall, sloped the site installing erosion control blanket and planted / seeded the site with native shrubs, forbs, grass and seeds. It's protecting 90 feet of shoreline and providing pollinator benefits with 2,030 sq. ft. of planting completed.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Prevention	1	Count

Activity Action Name:	Shoreline Protection	Activity Count: 1
Practice Type:	580 - Streambank and Shoreline Protection	Size/Units: 90 - Cfu
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Shoreline protection project removed eroding retaining wall, controlling the erosion and planted natives throughout.	Install Date: 08/31/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	1	Other	Fish Lake, priority lake

Activity Name: Structural Best Management Practices

Activity Category: Agricultural Practices **Staff time?:** No

Description: Funding for cost-share for the implementation of Conservation Best Management Practices, county-wide. Kanabec County Water Plan 2019-2028, on page 62, goal 1, action 2, for BMP installation toward a goal of 20 T/year soil erosion reduction and 380 # P reduction/yr.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2021 - State Cost-Share Fund (Kanabec SWCD)	\$2,685.60		\$2,685.60		N

Actual Results

On the shoreland restoration project, the landowner obtained 2 high bids for the project. As the bids excess costs were unwarranted the SWCD board didn't not allocate added funds to the project. Due to these circumstances the shoreland restoration project was unable to be completed. In seeking other conservation projects for this funding source, we contracted the funds in part for a livestock pipeline for a prescribed grazing operation who is also just starting new cover crops in a cropland field that will also be grazed providing added livestock bacteria through manure for improved soil health. Through these practices we're seeing a slight reduction erosion with the cover crops and an increased soil health condition with the cover crops through the growing season and the added benefit of the livestock manure increasing the soil health bacteria and diversity of soil organisms. Have encumbered \$2,904.40 in funds toward this project. The pipeline has been designed with the landowners planning for installation this winter and the spring of 2023.

2023: Did not need to utilize this SCS FY2021 funds for the livestock pipeline / watering system installation as the project was under budget. The landowners did much of the work themselves. Will be returning to BWSR the unspent encumbered funds, \$2,904.40.