



# Grant Progress Report

## Cost Share 2020

**Grant Title:** 2020 - State Cost-Share Fund (Kanabec SWCD)

**Grant ID:** P20-5204

**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	\$7,638.51	\$1,968.49
Match Funds	\$1,921.40	\$2,010.54	(\$89.14)
Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$11,528.40</b>	<b>\$9,649.05</b>	<b>\$1,879.35</b>

\*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	2020 - State Cost-Share Fund (Kanabec SWCD)	\$7,685.60	\$5,717.11	\$1,968.49	N
Structural Best Management Practices	Agricultural Practices	Landowner Fund	Landowner paid expenses on the installation of Best Management Practices.	\$1,921.40	\$2,010.54	(\$89.14)	Y
Project Development	Project Development	Current State Grant	2020 - State Cost-Share Fund (Kanabec SWCD)	\$1,921.40	\$1,921.40	\$0.00	N

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
			SWCD)				

### Indicator Summary

Indicator Category	Proposed Indicator	Total Value	Unit	Indicator Category	Final Indicator	Total Value	Unit
				Pollution Prevention	Prevention	2	Count

### Grant Activities

Activity Name: Project Development							
Activity Category: Project Development						Staff time?: Yes	
<p><b>Description:</b> 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.</p>							
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	2020 - State Cost-Share Fund (Kanabec SWCD)	\$1,921.40	\$1,921.40	\$0.00	12/31/2022	N	

## Actual Results

SWCD staff time (District Mgr. & District Tech.) was spent on project development and the completion of three well sealings. Project development time included site visits on four shoreland owners on Fish Lake and the Snake River. Three of which are being provided technical assistance for 'Do It Yourself' projects. Another is still in development. The largest project still in development (Willit) consists of two crop field gullies caused from stormwater runoff from a very large ag. business farmstead building. Staff project coordination activities were also done for a proposed shoreland protection project on publicly owned land on Fish Lake.

2021 entailed building staff capacity in technical skills, so project development was a bit slow. The District Mgr. devoting more time to the '1W1P' coordination and aided the Technician in site visits and coaching on project coordination. On Ag. outreach, we completed a very successful 'Soil Health Field Day' (9/10/21) with 25 people in attendance, 12 of which were producers. This was hosted on two farms practicing cover crops and no-till. It also included a farmer forum on sharing soil health practice experiences with four panelists.

2022 - Please see progress report for 2022 for activity details.

## 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	2020 - State Cost-Share Fund (Kanabec SWCD)	\$7,685.60	\$5,717.11	\$1,968.49	12/20/2023	N
Landowner Fund	Landowner paid expenses on the installation of Best Management Practices.	\$1,921.40	\$2,010.54	(\$89.14)	12/20/2023	Y

## Actual Results

Completed 3 private inactive well sealings (Monson) for the groundwater protection.

2022 - 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 \$6,823.10 in funds toward this project. The pipeline has been designed with the landowners planning for installation this winter and the spring of 2023.

2023: The installed pipeline on a rotational grazing operation did not use all the encumbered funds. (encumbered under both SCS FY20 & 21) Will turn back to BWSR the remaining grant funds. The landowners did a lot of the work themselves to cut costs. The pipeline was installed in both the spring and fall of 2023 when the landowners had available time. This system allows them to access more land for their rotational grazing system. A mobile watering tank was built, which provides them more flexibility in their operation. On this land they also incorporate cover crops in their rotation to build a healthier soil. Through this project they are building their soil health through utilizing the principles of incorporating livestock manure/grazing and increasing the living roots in the soil.

## Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Prevention	2	Count

Activity Action Name:	Monson well sealing			Activity Count: 3
Practice Type:	393 - Filter Strip			Size/Units: 3 - Acre-Feet/Yr
TA Provider/JAA:	SWCD			Lifespan: 10 Years
Practice Description:	Sealed 3 unused private wells on a farmstead.			Install Date: 07/22/2021
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	1	Other	Ann Lake

Activity Action Name:	Livestock Pipeline	Activity Count: 1
Practice Type:	808M - Rotational Grazing	Size/Units: 2206 - Cfu
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Installed a livestock pipeline (2206') on a rotational grazing operation in an area that has cover crops planted to improve their soil health conditions.	Install Date: 10/27/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	1	Unknown	South Fork of the Groundhouse River