



Grant Progress Report

SWCD Local Capacity Services 2022

Grant Title: 2022 - SWCD Local Capacity Services (Carver SWCD)

Grant Award (\$): \$131,739.00

Grant Execution Date: 02/23/2022

Grant ID: P22-6089

Required Match (%): 0

Grant End Date: 12/31/2024

Grantee: Carver SWCD

Required Match (\$): \$0.00

Fiscal Agent:

Grant Day-to-Day Contact: Mike Wanous

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$131,739.00	\$94,173.96	\$37,565.04
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$131,739.00	\$94,173.96	\$37,565.04

*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?
Soil Erosion Cost-Share	Agricultural Practices	Current State Grant	2022 - SWCD Local Capacity Services (Carver SWCD)	\$5,270.96	\$2,354.96	\$2,916.00	N
Water quality treatment - Water Storage & Treatment	Special Projects	Current State Grant	2022 - SWCD Local Capacity Services (Carver SWCD)	\$26,739.00	\$10,000.00	\$16,739.00	N

<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>
Equipment/technology - Water Storage & Treatment	Supplies/Equipment	Current State Grant	2022 - SWCD Local Capacity Services (Carver SWCD)	\$19,729.04	\$1,819.00	\$17,910.04	N
Technical Assistance - Riparian Zone Management	Technical/Engineering Assistance	Current State Grant	2022 - SWCD Local Capacity Services (Carver SWCD)	\$40,000.00	\$40,000.00	\$0.00	N
Technical/Engineering assistance - Water Storage & Treatment	Technical/Engineering Assistance	Current State Grant	2022 - SWCD Local Capacity Services (Carver SWCD)	\$40,000.00	\$40,000.00	\$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>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	16.18	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	7.45	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	37.42	Tons/Yr

Grant Activities

Activity Name: Equipment/technology - Water Storage & Treatment

Activity Category: Supplies/Equipment

Staff time?: No

Description: Funds to update equipment/technology to keep up with changing technical advances.

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	2022 - SWCD Local Capacity Services (Carver SWCD)	\$19,729.04	\$1,819.00	\$17,910.04	05/25/2023	N

Actual Results

Activity Name: Soil Erosion Cost-Share

Activity Category: Agricultural Practices

Staff time?: No

Description: These funds will be used for cost-share projects with Carver County landowners, to benefit water quality and assist with soil erosion.

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	2022 - SWCD Local Capacity Services (Carver SWCD)	\$5,270.96	\$2,354.96	\$2,916.00	12/26/2023	N

Activity Action Name:	Jerry Beckrich Soil Health 2023	Activity Count: 16
Practice Type:	340 - Cover Crop	Size/Units: 16 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Jerry Beckrich established a cover crop mix of winter cereal rye on 16.0 acres to diversify current management practices. The Cover crop mix was no-till drilled following corn harvest and will be harvested in the spring of 2024 for forage. This cover crop will improve soil structure, add and scavenge nutrients, compete with weeds and provide additional water quality benefits in addition to provided additional forage value for his cattle.	Install Date: 10/11/2023
		Mapped: Yes

Activity Action Name:	Andy Stuewe Soil Health 2023	Activity Count: 27
Practice Type:	340 - Cover Crop	Size/Units: 27 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Andy Stuewe established a cover crop mix of Winter Triticale and Winter Cereal Rye @ 90 lbs per acre on 27 acres to diversify current management practices. The cover crop mix was seeded following crop harvest with a no-till drill to improve soil health and will be harvested in the spring of 2024 for forage. This mix will also improve soil structure, scavenge nutrients, compete with weeds and provide additional water quality benefits as well.	Install Date: 11/01/2023
		Mapped: Yes

Activity Name: Technical Assistance - Riparian Zone Management	
Activity Category: Technical/Engineering Assistance	Staff time?: Yes
Description: Provide technical assistance to landowners	
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	2022 - SWCD Local Capacity Services (Carver SWCD)	\$40,000.00	\$40,000.00	\$0.00	06/30/2023	N

Actual Results

1/10/2023 - Staff time for this activity in 2022 is detailed in the expenses section of the eLINK report.

Activity Name: Technical/Engineering assistance - Water Storage & Treatment

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Provide technical/engineering assistance for water storage and treatment

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	2022 - SWCD Local Capacity Services (Carver SWCD)	\$40,000.00	\$40,000.00	\$0.00	03/31/2023	N

Actual Results

1/10/2023 - Staff time for 2022 has been entered into the expenses tab. The staff time is for technical assistance to landowners.

Activity Name: Water quality treatment - Water Storage & Treatment

Activity Category: Special Projects

Staff time?: No

Description: Funding for projects that implement new/developing types of water quality treatment devices. May include, but is not limited to: biochar treatment, iron-enhanced filters, woodchip reactors, etc.

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	2022 - SWCD Local Capacity Services (Carver SWCD)	\$26,739.00	\$10,000.00	\$16,739.00	02/27/2023	N
Actual Results						
Final Indicators						
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>				
Sediment (Tss)	7.45	Tons/Yr				
Soil (Est. Savings)	37.42	Tons/Yr				
Phosphorus (Est. Reduction)	16.18	Lbs/Yr				

Activity Action Name:	MN Valley Lands LLC Rapids Lake	Activity Count: 1
Practice Type:	410 - Grade Stabilization Structure	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	Private Consultant	Lifespan: 10 Years
Practice Description:	The purpose of this project is to construct a large scale stormwater improvement project to address ravine erosion that leads to Rapids Lake. The ISG engineer construction cost estimate developed as part of a feasibility study in June 2021 was \$106,239. The Carver SWCD assisted MN Valley Lands in 2019 and proposed a grade stabilization structure (410) at the head of the ravine to treat the active head cutting that was occurring. The engineer construction cost estimate for the grade stabilization structure in December 2019 was \$25,250.50. MN Valley Lands LLC is requesting funding support for the infiltration and ravine stabilization project presented by ISG Engineering.	Install Date: 12/20/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	37.42	Bwsr Calc (Gully Stabilization)	Lower Minnesota River
Sediment (Tss)	Tons/Yr	7.45	Bwsr Calc (Gully Stabilization)	Lower Minnesota River
Phosphorus (Est. Reduction)	Lbs/Yr	16.18	Bwsr Calc (Gully Stabilization)	Lower Minnesota River