Grant Progress Report

SWCD Local Capacity Services 2022

Grant Title: 2022 - SWCD Local Capacity Services (Carver SWCD)
Grant ID: P22-6089
Grantee: Carver SWCD
Fiscal Agent:
Grant Day-to-Day Contact: Mike Wanous

Grant Award ($): $131,739.00
Required Match (%): 0
Required Match ($): $0.00

Grant Execution Date: 02/23/2022
Grant End Date: 12/31/2025

	Total Budgeted	**Total Spent**	Balance Remaining*
Grant Funds	$131,739.00	**$131,739.00**	$0.00
Match Funds	$0.00	**$0.00**	$0.00
Other Funds	$0.00	**$0.00**	$0.00
Total	$131,739.00	**$131,739.00**	$0.00

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

Proposed Measurable Outcomes	The grant targets four resource concern areas - Soil Erosion, Riparian Zone Management, Water Storage and Treatment, and Excess Nutrients - and supports increased capacity by funding expenses in the following categories: Staffing, Cost Share/Incentives, Technology/Capital Equipment, and Operations.

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	$5,270.96	$0.00	N

Activity Name	*Category*	*Source Type*	*Source Description*	*Budgeted*	*Spent*	*Balance Remaining*	*Match Fund?*
Water quality treatment - Water Storage & Treatment	Special Projects	Current State Grant	2022 - SWCD Local Capacity Services (Carver SWCD)	$26,739.00	$26,739.00	$0.00	N
Equipment/technology - Water Storage & Treatment	Supplies/Equipment	Current State Grant	2022 - SWCD Local Capacity Services (Carver SWCD)	$19,729.04	$19,729.04	$0.00	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

Indicator Category	*Proposed Indicator*	*Total Value*	*Unit*

Indicator Category	*Final Indicator*	*Total Value*	*Unit*
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	22.68	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	13.55	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	49.62	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	43	Lbs/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

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2022 - SWCD Local Capacity Services (Carver SWCD)	$19,729.04	$19,729.04	$0.00	02/20/2025	N

Actual Results	
Results	***Date Added***
	1/31/2022 10:33:11 AM
1/22/2025 - progress report. In 2024, funds from this activity were used to purchase a used SUV from the County Sheriff's office, and funds were used to have a new website developed for the Carver SWCD.	1/22/2025 11:14:02 AM
1/14/2026 - The remaining funds in this "equipment and technology" category were used to help purchase new computers for SWCD staff. The new ArcPro GIS software needs faster computers with more memory to function properly and the SWCD computers were too old to handle the new software.	1/14/2026 9:23:01 AM

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 assit with soil erosion.

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2022 - SWCD Local Capacity Services (Carver SWCD)	$5,270.96	$5,270.96	$0.00	12/19/2025	N

Actual Results

Results	*Date Added*
1/14/2026 - A project was completed on the Ron Olson farm, a grade stabilization structure was constructed and funds were used from the "water quality treatment - water storage" activity as well as from the "soil erosion cost share" activity. The activity details and mapping are saved in the "water storage" activity.	1/14/2026 9:16:12 AM

Final Indicators

Indicator	Total Value	Unit
Phosphorus (Est. Reduction)	43	Lbs/Yr

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

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	16	Literature Value	Bevens Creek

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

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	27	Literature Value	Bevens Creek

Activity Name: Technical Assistance - Riparian Zone Management

Activity Category: Technical/Engineering Assistance | **Staff time?:** Yes

Description: Provide technical assistance to landowners

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2022 - SWCD Local Capacity Services (Carver SWCD)	$40,000.00	$40,000.00	$0.00	06/30/2023	N

Actual Results

Results	*Date Added*
1/10/2023 - Staff time for this activity in 2022 is detailed in the expenses section of the eLINK report.	1/31/2022 10:12:10 AM

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

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2022 - SWCD Local Capacity Services (Carver SWCD)	$40,000.00	$40,000.00	$0.00	03/31/2023	N

Actual Results

Results	*Date Added*
1/10/2023 - Staff time for 2022 has been entered into the expenses tab. The staff time is for technical assistance to landowners.	1/31/2022 10:17:52 AM

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

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2022 - SWCD Local Capacity Services (Carver SWCD)	$26,739.00	$26,739.00	$0.00	12/19/2025	N

Actual Results

Results	*Date Added*
Project development - working to identify the best projects for this activity.	1/31/2022 10:41:01 AM
1/14/2026 - A project was completed on the Ron Olson farm, a grade stabilization structure was constructed and funds were used from the "water quality treatment - water storage" activity as well as from the "soil erosion cost share" activity.	1/14/2026 9:12:38 AM

Final Indicators

Indicator	Total Value	Unit
Sediment (Tss)	13.55	Tons/Yr
Soil (Est. Savings)	49.62	Tons/Yr
Phosphorus (Est. Reduction)	22.68	Lbs/Yr

Activity Action Name:	MN Valley Lands LLC Rapids Lake	Activity Count: 1
Practice Type:	410 - Grade Stabilization Structure	Size/Units: 1 - Count
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

Activity Action Name:	Ron Olson Grade Stab	Activity Count: 1
Practice Type:	410 - Grade Stabilization Structure	Size/Units: 1 - Count
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	The purpose of this project was to replace a deteriorated structure to protect upstream cropland and reduces soil discharge into Carver Creek. The new structure will have a rapid draw down with a 48” concrete manhole and 30” HP outlet pipe. Funding for this project came from NRCS EQIP funds and District Capacity Water Storage and Treatment Funds.	Install Date: 11/24/2025 Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	6.5	Bwsr Calc (Filter Strip)	Carver Creek
Sediment (Tss)	Tons/Yr	6.1	Bwsr Calc (Filter Strip)	Carver Creek
Soil (Est. Savings)	Tons/Yr	12.2	Bwsr Calc (Filter Strip)	Carver Creek