



Grant Progress Report

Soil Health Cost Share 2023

Grant Title: 2023 - Soil Health Cost Share (Sibley SWCD)

Grant ID: P23-2734

Grantee: Sibley SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Joel Wurscher

Grant Award (\$): \$14,175.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 01/13/2023

Grant End Date: 12/31/2025

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$14,175.00	\$11,514.28	\$2,660.72
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$14,175.00	\$11,514.28	\$2,660.72

*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?
FY23 Soil Health Cost Share	Non-Structural Management Practices	Current State Grant	2023 - Soil Health Cost Share (Sibley SWCD)	\$13,732.50	\$11,071.06	\$2,661.44	N
FY23 Soil Health Technical Assistance	Technical/Engineering Assistance	Current State Grant	2023 - Soil Health Cost Share (Sibley SWCD)	\$442.50	\$443.22	(\$0.72)	N

Indicator Summary

Indicator Category	Proposed Indicator	Total Value	Unit
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Indicator Category	Final Indicator	Total Value	Unit
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	76.2	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	34.68	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	210.93	Tons/Yr

Grant Activities

Activity Name: FY23 Soil Health Cost Share

Activity Category: Non-Structural Management Practices	Staff time?: No
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Description: These funds will be used to provide flat rate cost share for the installation of cover crops and/or utilization of no-till/strip-till that are installed according to standards and specifications found in the NRCS Field Office Technical Guide. Practices will be installed in high priority areas as identified in the approved Comprehensive Watershed Management Plan (Sibley County Local Water Management Plan). The SWCD also intends to follow the Erosion Control and Water Management Policy. The current Sibley SWCD NLMP is attached.

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	2023 - Soil Health Cost Share (Sibley SWCD)	\$13,732.50	\$11,071.06	\$2,661.44	12/11/2024	N

Actual Results

SH FY23-1 Year of a 3 year contract cover crop (79.0ac.) payment (\$3,246.90) on a multi-species cover crop mix.

SH FY23-2 Year 1 of a 2 year contract no-till/strip till (79.0ac.) payment (\$1,330.36).

(SH FY23-1) Karl Schauer - Years 2 & 3 of multi-species cover crop on 77.49 acres per year.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	210.93	Tons/Yr
Sediment (Tss)	34.68	Tons/Yr
Phosphorus (Est. Reduction)	76.2	Lbs/Yr

Activity Action Name: SH FY23-1	Activity Count: 6
Practice Type: 340 - Cover Crop	Size/Units: 79 - Acres
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description: Year 2 of a 3 year contract	Install Date: 09/20/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	55.3	Bwsr Calc (Sheet And Rill)	Buffalo Creek - South Fork Crow
Sediment (Tss)	Tons/Yr	8.62	Bwsr Calc (Sheet And Rill)	Buffalo Creek - South Fork Crow
Phosphorus (Est. Reduction)	Lbs/Yr	18.34	Bwsr Calc (Sheet And Rill)	Buffalo Creek - South Fork Crow

Activity Action Name:	SH FY23-1	Activity Count: 6
Practice Type:	340 - Cover Crop	Size/Units: 79 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:		Install Date: 09/15/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	55.3	Bwsr Calc (Sheet And Rill)	Buffalo Creek - South Fork Crow
Sediment (Tss)	Tons/Yr	8.62	Bwsr Calc (Sheet And Rill)	Buffalo Creek - South Fork Crow
Phosphorus (Est. Reduction)	Lbs/Yr	18.34	Bwsr Calc (Sheet And Rill)	Buffalo Creek - South Fork Crow

Activity Action Name:	SH FY23-1	Activity Count: 6
Practice Type:	340 - Cover Crop	Size/Units: 79 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 3 of a 3 year contract	Install Date: 10/30/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	18.34	Bwsr Calc (Sheet And Rill)	Buffalo Creek - South Fork Crow
Sediment (Tss)	Tons/Yr	8.62	Bwsr Calc (Sheet And Rill)	Buffalo Creek - South Fork Crow
Soil (Est. Savings)	Tons/Yr	55.3	Bwsr Calc (Sheet And Rill)	Buffalo Creek - South Fork Crow

Activity Action Name:	SH FY23-2	Activity Count: 2
Practice Type:	329 - Residue & Tillage Management (no/strip-till)	Size/Units: 79 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 1 of a 3 year contract.	Install Date: 05/31/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	45.03	Bwsr Calc (Sheet And Rill)	Buffalo Creek - South Fork Crow
Phosphorus (Est. Reduction)	Lbs/Yr	21.18	Bwsr Calc (Sheet And Rill)	Buffalo Creek - South Fork Crow
Sediment (Tss)	Tons/Yr	8.82	Bwsr Calc (Sheet And Rill)	Buffalo Creek - South Fork Crow

Activity Name: FY23 Soil Health Technical Assistance

Activity Category: Technical/Engineering Assistance

Staff time?: No

Description: 7.5hrs of technical assistance (District Technician @ \$60.10/hr) to talk with landowners, discuss/strategize soil health and develop seed plans for cover crop.

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	2023 - Soil Health Cost Share (Sibley SWCD)	\$442.50	\$443.22	(\$0.72)	12/29/2023	N

Actual Results

Time spent by the District Technician in 2023 (8.5 hours @ \$60.10/hour = \$443.22) working on cost share contracts with landowners towards soil health, including seed plans and looking into pesticide carryover.