



# Grant Progress Report

## Soil Health Cost Share 2023

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

**Grant ID:** P23-2745

**Grantee:** Waseca SWCD

**Fiscal Agent:**

**Grant Day-to-Day Contact:** Mark Schaetzke

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

**Required Match (%):** 0

**Required Match (\$):** \$0.00

**Grant Execution Date:** 02/03/2023

**Grant End Date:** 12/31/2025

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$14,175.00	\$9,521.25	\$4,653.75
Match Funds	\$300.00	\$239.05	\$60.95
Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$14,475.00</b>	<b>\$9,760.30</b>	<b>\$4,714.70</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?
FY23 Soil Health Non-Structural Land Management Practices	Non-Structural Management Practices	Current State Grant	2023 - Soil Health Cost Share (Waseca SWCD)	\$11,400.00	\$7,000.00	\$4,400.00	N
FY23 Soil Health Technical assistance	Technical/Engineering Assistance	Current State Grant	2023 - Soil Health Cost Share (Waseca SWCD)	\$1,875.00	\$1,913.75	(\$38.75)	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>
and administration							
FY23 Soil Health Wind Erosion Practices	Wind Erosion	Current State Grant	2023 - Soil Health Cost Share (Waseca SWCD)	\$900.00	\$607.50	\$292.50	N
FY23 Soil Health Wind Erosion Practices	Wind Erosion	Landowner Fund		\$300.00	\$239.05	\$60.95	Y

## 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)	4.25	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	1.78	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	13.2	Tons/Yr
Stormwater Management	Volume Reduced (Acre- Feet/Year)	0.35	Acre-Feet/Yr
Water Pollution (Reduction Estimates)	Nitrogen	1.38	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	0.2	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	0.06	Tons/Yr

**Grant Activities**

**Activity Name: FY23 Soil Health Non-Structural Land Management Practices**

**Activity Category:** Non-Structural Management Practices **Staff time?:** No

**Description:** These funds will be used to provide flat rate cost share for Cover Crops 340, Residue and tillage management, no till 329, and Residue and tillage management, reduced till 345 limited to ridge till which will be designed and installed according to specifications found in the NRCS FOTG. Practices will be prioritized in areas identified in the Waseca SWCD Non-structural land management practices policy, Waseca Comprehensive Water Management Plan, Cannon 1W1P, and Le Sueur 1W1P (pending completion and approval).

**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 (Waseca SWCD)	\$11,400.00	\$7,000.00	\$4,400.00	12/13/2024	N

**Actual Results**

<u>Results</u>	<u>Date Added</u>
	12/2/2022 3:21:39 PM
Encumbered \$6600 for no-till/strip till and cover crops on 40 acres/year for three years at September 2023 board meeting. Encumbered \$4800 for cover crops on 40 acres/year for three years at October 2023 board meeting.	10/9/2023 9:45:08 AM
Paid Voucher for \$2,200.00 and Check # 11866 for SH-2023-01 first payment of 3 year contract.	11/20/2023 9:25:18 AM
Paid Voucher for \$1,600.00 and check # 11875 for SH-2023-02 first payment of 3-year contract.	12/18/2023 1:18:45 PM
Paid Voucher for \$3,200.00 and check #12035 for SH-2023-02 for 2nd and third year payment-contract paid in full	12/13/2024 10:15:20 AM

**Final Indicators**

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	13.2	Tons/Yr
Sediment (Tss)	1.78	Tons/Yr
Phosphorus (Est. Reduction)	4.25	Lbs/Yr

Activity Action Name:	SH-2023-01 Holmes	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 40 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Cover crop on 40 acres for one year. Passed on Sept 2023 board meeting.	Install Date: 10/13/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.38	Bwsr Calc (Sheet And Rill)	Little Cobb River
Phosphorus (Est. Reduction)	Lbs/Yr	0.96	Bwsr Calc (Sheet And Rill)	Little Cobb River
Soil (Est. Savings)	Tons/Yr	2.8	Bwsr Calc (Sheet And Rill)	Little Cobb River

Activity Action Name:	SH-2023-01 Holmes	Activity Count: 1
Practice Type:	329 - Residue & Tillage Management (no/strip-till)	Size/Units: 40 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	strip till on 40 acres for one year	Install Date: 11/08/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.86	Bwsr Calc (Sheet And Rill)	Little Cobb River
Soil (Est. Savings)	Tons/Yr	6.4	Bwsr Calc (Sheet And Rill)	Little Cobb River
Phosphorus (Est. Reduction)	Lbs/Yr	2.16	Bwsr Calc (Sheet And Rill)	Little Cobb River

Activity Action Name:	SH-2023-02 Gregor	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 40 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Overwintering cover crops on 40 acres/year for three years on the same field.	Install Date: 11/01/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	1.13	Bwsr Calc (Sheet And Rill)	Cannon River
Soil (Est. Savings)	Tons/Yr	4	Bwsr Calc (Sheet And Rill)	Cannon River
Sediment (Tss)	Tons/Yr	0.54	Bwsr Calc (Sheet And Rill)	Cannon River

## Activity Name: FY23 Soil Health Technical assistance and administration

**Activity Category:** Technical/Engineering Assistance

**Staff time?:** No

**Description:** Waseca SWCD will provide technical assistance and administration for grant by assisting landowners with resource concerns, site investigations, survey, designs, and contracting. Will also include grant reporting requirements.

Technical assistance for agricultural practices will be provided by SWCD staff and any designs and as-builts will be approved by SWCD or partner staff with appropriate job approval authority. JAA credentials available within elink or upon request

### 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 (Waseca SWCD)	\$1,875.00	\$1,913.75	(\$38.75)	06/30/2025	N

### Actual Results

<u>Results</u>	<u>Date Added</u>
	12/2/2022 3:02:58 PM

<u>Results</u>	<u>Date Added</u>
2023 3rd qtr Joe 3.5 hours @ \$35.52/hour = \$124.32 T/A working with landowners, Mark 3 hours @ \$78.25/hour = \$234.75 T/A	10/6/2023 9:55:26 AM
2023 4th qtr Joe 28 hrs @ \$36.73/hour = \$1028.44 and Mark 1 hour at \$78.25/hour = \$78.25 working and talking with landowners on potential projects and practices.	1/2/2024 12:39:10 PM
2024 1st qtr Joe 6.2527 hrs @ \$40.04 = \$250.36 and Mark 2 hrs @ \$79.44 = \$158.88 working with and meeting with landowners.	4/29/2024 1:46:05 PM
2025 2nd qtr Cammi 1.00 @ \$38.75/hour = \$38.75 T/A working with landowners	6/30/2025 3:20:58 PM

## Activity Name: FY23 Soil Health Wind Erosion Practices

Activity Category: Wind Erosion

Staff time?: No

**Description:** These funds will be used to provide up to 75% cost share for Windbreak/Shelterbelt Restoration 650, Windbreak/Shelterbelt Establishment 380, Tree and Shrub Establishment 612 following the NRCS FOTG. Practices to be prioritized in areas identified in Waseca Comprehensive Water Management Plan, Cannon 1W1P, and Le Sueur 1W1P (pending completion and approval). .

### 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 (Waseca SWCD)	\$900.00	\$607.50	\$292.50	08/08/2024	N
Landowner Fund		\$300.00	\$239.05	\$60.95	08/08/2024	Y

### Actual Results

<u>Results</u>	<u>Date Added</u>
	12/2/2022 3:14:02 PM
Encumbered \$607.50 for shelterbelt establishment/renovation at March 2024 Board meeting.	3/21/2024 10:58:20 AM
SH-2023-03 Contract Voucher for windbreak paid \$607.50 Check #11975	8/12/2024 8:16:12 AM

**Final Indicators**

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Nitrogen	1.38	Lbs/Yr
Volume Reduced (Acre-Feet/Year)	0.35	Acre-Feet/Yr
Phosphorus (Est. Reduction)	0.2	Lbs/Yr
Sediment (Tss)	0.06	Tons/Yr

Activity Action Name: SH-2023-03	Activity Count: 1
Practice Type: 380 - Windbreak/Shelterbelt Establishment	Size/Units: 860 - Linear Feet
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description: reestablish shelterbelt around homesite.	Install Date: 05/10/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.06	Other	Le Sueur River
Phosphorus (Est. Reduction)	Lbs/Yr	0.2	Other	Le Sueur River
Volume Reduced (Acre-Feet/Year)	Acre-Feet/Yr	0.35	Other	Le Sueur River
Nitrogen	Lbs/Yr	1.38	Other	Le Sueur River