



Grant Progress Report

Soil Health Cost Share 2023

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

Grant ID: P23-2673

Grantee: Chippewa SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Zach Bothun

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

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 10/20/2022

Grant End Date: 12/31/2024

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$14,175.00	\$14,175.00	\$0.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$11,295.90	\$11,295.90	\$0.00
Total	\$25,470.90	\$25,470.90	\$0.00

*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	Other Funds	2024 - Conservation Contracts (Chippewa SWCD)	\$11,201.60	\$11,201.60	\$0.00	N
FY23 Soil Health Non-Structural Land	Non-Structural Management Practices	Other Funds	2025 - Conservation Contracts (Chippewa SWCD)	\$94.30	\$94.30	\$0.00	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>
Management Practices							
FY23 Soil Health Non-Structural Land Management Practices	Non-Structural Management Practices	Current State Grant	2023 - Soil Health Cost Share (Chippewa SWCD)	\$6,821.10	\$6,821.10	\$0.00	N
FY23 Soil Health Technical Assistance and Administration	Technical/Engineering Assistance	Current State Grant	2023 - Soil Health Cost Share (Chippewa SWCD)	\$2,835.00	\$2,835.00	\$0.00	N
FY23 Soil Health Wind Erosion Cost Share	Wind Erosion	Current State Grant	2023 - Soil Health Cost Share (Chippewa SWCD)	\$4,518.90	\$4,518.90	\$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)	Nitrogen	164.9	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	7.194	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	0.7801	Tons/Yr
Wind Erosion (Reduction Estimates)	Soil (Est. Savings)	1.4289	Tons/Yr
Wind Erosion (Reduction Estimates)	Soil (Est. Savings)	2.8	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 cost share for non-structural practices in accordance with Chippewa SWCD's Erosion Control and Water Management Program (ECWMP) and other BWSR Cost Share Programs Policy. Eligible practices will include Conservation Cover 327, Cover Crops 340, Residue and Tillage Management (No-till) 329, Critical Area Planting 342, Riparian Forest Buffer 391, Filter Strip 393, Windbreak/Shelterbelt Restoration 650, Windbreaks/Shelterbelt Establishment 380, and Tree/Shrub Establishment 612. These practices will be designed and installed according to standards and specifications found in the NRCS Field Office Technical Guide. Practice installation will be focused in, but not limited to, high priority areas as identified in the Hawk Creek - Middle Minnesota Comprehensive Watershed Management Plan (CWMP) or Chippewa County Local Water Management Plan, and when approved, the Chippewa River CWMP. See the attached Chippewa SWCD Erosion Control and Water Management Program and other BWSR Cost Share Programs Policy (Local Cost Share Policy) for payment rates and percentages.

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	2024 - Conservation Contracts (Chippewa SWCD)	\$11,201.60	\$11,201.60	\$0.00	12/09/2024	N
Current State Grant	2025 - Conservation Contracts (Chippewa SWCD)	\$94.30	\$94.30	\$0.00	12/09/2024	N
Current State Grant	2023 - Soil Health Cost Share (Chippewa SWCD)	\$6,821.10	\$6,821.10	\$0.00	12/09/2024	N

Actual Results

In 2023, \$5607 was paid on cost share contract 2023-4.

In 2024, \$94.30 was paid out on contract 2024-5.

In 2024, \$11201.60 was paid out to cost share contract 2024-5.

Final Indicators		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	1.4289	Tons/Yr
Sediment (Tss)	0.7801	Tons/Yr
Phosphorus (Est. Reduction)	7.194	Lbs/Yr
Nitrogen	164.9	Lbs/Yr

Activity Action Name: Contract 2024-5	Activity Count: 1
Practice Type: 340 - Cover Crop	Size/Units: 69.5 - Acres
TA Provider/JAA: SWCD	Lifespan: 3 Years
Practice Description:	Install Date: 09/30/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.7801	Other	Chippewa
Nitrogen	Lbs/Yr	164.9	Other	Chippewa
Phosphorus (Est. Reduction)	Lbs/Yr	7.194	Other	Chippewa

Activity Action Name: 2023-4 Dustin Kramer - FY2023	Activity Count: 2
Practice Type: 329 - Residue & Tillage Management (no/strip-till)	Size/Units: 45.3 - Acres
TA Provider/JAA: SWCD	Lifespan: 3 Years
Practice Description: 329 residue and tillage management on 45.3 acres	Install Date: 08/15/2023
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	1.059	Other	County Drainage Ditch

Activity Action Name:	2023-4 Dustin Kramer - FY2023	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 17 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	340 cover crop on 17 acres	Install Date: 08/15/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	0.3699	Other	Chippewa County Drainage Ditch

Activity Name: FY23 Soil Health Technical Assistance and Administration

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Chippewa SWCD will provide technical assistance and administration for the General Fund Soil Health grant by assisting landowners with the contract application process, conducting site investigations and technical assessments, completing vouchers, making payments, and maintaining records for reporting.

Technical assistance for agricultural practices will be provided by the SWCD staff with appropriate job approval authority (JAA). JAA credentials are 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 (Chippewa SWCD)	\$2,835.00	\$2,835.00	\$0.00	03/08/2024	N

Actual Results

In 2023, District Manager worked 18.5 hours @ \$61.71/hr.

Activity Name: FY23 Soil Health Wind Erosion Cost Share

Activity Category: Wind Erosion

Staff time?: No

Description: This activity will be used to provide cost share to landowners and operators that are installing wind erosion control systems in the form of 380 windbreak/shelterbelt.

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 (Chippewa SWCD)	\$4,518.90	\$4,518.90	\$0.00	07/01/2024	N

Actual Results

In 2024, Cost Share was paid out on contracts 2024-2 and 2024-3 totaling \$4518.90

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	2.8	Tons/Yr

Activity Action Name:	2024-3	Activity Count:	1	
Practice Type:	380 - Windbreak/Shelterbelt Establishment	Size/Units:	3354 - Linear Feet	
TA Provider/JAA:	SWCD	Lifespan:	10 Years	
Practice Description:	3 row windbreak/shelterbelt	Install Date:	05/13/2024	
		Mapped:	Yes	
Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	1.2	WEPS (Wind Erosion Prediction System)	Chippewa River

Activity Action Name: 2024-2	Activity Count: 1
Practice Type: 380 - Windbreak/Shelterbelt Establishment	Size/Units: 1568 - Linear Feet
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date: 05/16/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	1.6	WEPS (Wind Erosion Prediction System)	Lac qui Parle Lake