



Grant Progress Report

Soil Health Cost Share 2023

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

Grant ID: P23-2733

Grantee: Sherburne SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Francine Larson

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

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 12/20/2022

Grant End Date: 12/31/2024

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$14,175.00	\$14,175.00	\$0.00
Match Funds	\$1,000.00	\$6,414.04	(\$5,414.04)
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$15,175.00	\$20,589.04	(\$5,414.04)

*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?
Administration	Administration/Coordination	Current State Grant	2023 - Soil Health Cost Share (Sherburne SWCD)	\$500.00	\$500.00	\$0.00	N
Agricultural Practices	Agricultural Practices	Current State Grant	2023 - Soil Health Cost Share (Sherburne SWCD)	\$4,000.00	\$6,250.00	(\$2,250.00)	N
Non-Structural Land	Non-Structural Management	Current State Grant	2023 - Soil Health Cost Share	\$6,000.00	\$3,750.00	\$2,250.00	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	Practices		(Sherburne SWCD)				
Project Development	Project Development	Current State Grant	2023 - Soil Health Cost Share (Sherburne SWCD)	\$1,000.00	\$1,000.00	\$0.00	N
Technical/ Engineering Assistance	Technical/Engineering Assistance	Current State Grant	2023 - Soil Health Cost Share (Sherburne SWCD)	\$2,675.00	\$2,675.00	\$0.00	N
Agricultural Practices	Agricultural Practices	Landowner Fund	Landowner Match	\$1,000.00	\$6,414.04	(\$5,414.04)	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>
Wind Erosion (Reduction Estimates)	Soil (Est. Savings)	3	Tons/Yr
Wind Erosion (Reduction Estimates)	Soil (Est. Savings)	144.52	Tons/Yr

Grant Activities

Activity Name: Administration							
Activity Category: Administration/Coordination						Staff time?: Yes	
Description: Sherburne SWCD will provide grant administration for the Soil Health Grant including making payments and maintaining records for reporting.							
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 (Sherburne SWCD)	\$500.00	\$500.00	\$0.00	08/05/2023	N	

Actual Results	
<u>Results</u>	<u>Date Added</u>
	11/29/2022 10:55:36 AM
Funds were used towards grant administration. All funds expended by end of 2023.	1/25/2024 2:03:40 PM

Activity Name: Agricultural Practices

Activity Category: Agricultural Practices **Staff time?:** No

Description: These funds will be used to provide 75% cost share for Forage and Biomass planting 512, Conservation Cover 327, Forest stand Improvement 666, Tree and Shrub establishment 612, and Windbreak/shelter belt establishment 380 which will be designed and 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 Rum River and MRSC Watershed Management Plan or Sherburne County Local Water Management Plan. See the attached Sherburne SWCD Local Cost Share Policy for additional details.

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 (Sherburne SWCD)	\$4,000.00	\$6,250.00	(\$2,250.00)	09/12/2024	N
Landowner Fund	Landowner Match	\$1,000.00	\$6,414.04	(\$5,414.04)	09/12/2024	Y

Actual Results

<u>Results</u>	<u>Date Added</u>
	11/29/2022 11:12:46 AM
#2023-06-01 – Anderson - The Sherburne SWCD provided cost-share to Kevin Anderson to convert 10 acres of farm field into native prairie.	1/25/2024 2:06:38 PM
#2023-09-01 – City of Becker - The Sherburne SWCD provided cost-share to the City of Becker to convert 0.86 acres of degraded pasture/prairie into native prairie.	

Results

Date Added

#2023-08-01 – Varty - The Sherburne SWCD provided cost-share to Jill Varty to convert 0.56 acres of non-irrigated turf into native prairie.

The remaining funds for the FY2023 Soil Health were used to cost share 2 small scale prairies and 1 agricultural projects. The small-scale prairies included a diverse mix of native species that were specifically designed to target at-risk pollinators. The agricultural project was a row crop that was transitioned to perennial hay planting to reduce soil erosion and improve water quality to an adjacent ditch outside of the buffer law requirements. The total soil savings of all projects in 2024 will be roughly 135 tons/year.

11/22/2024 7:13:25 AM

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	144.52	Tons/Yr

Activity Action Name:	#2023-08-01 - Varty	Activity Count: 0
Practice Type:	327 - Conservation Cover	Size/Units: 0.56 - Acres
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Native Prairie Planting on 0.56 acres	Install Date: 11/13/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	3	WEPS (Wind Erosion Prediction System)	Lake Orono

Activity Action Name:	#2023-09-01 - City of Becker	Activity Count: 0
Practice Type:	327 - Conservation Cover	Size/Units: 0.86 - Acres
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Native prairie planting on 0.86 acres.	Install Date: 11/02/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	3	WEPS (Wind Erosion Prediction System)	Elk River

Activity Action Name:	#2023-06-01 - Anderson	Activity Count: 0
Practice Type:	327 - Conservation Cover	Size/Units: 10 - Acres
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Native Prairie Planting on 10 acres	Install Date: 06/21/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	3	WEPS (Wind Erosion Prediction System)	Rum River

Activity Action Name:	#2024-05-02 Orrock	Activity Count: 1
Practice Type:	327 - Conservation Cover	Size/Units: 0.14 - Acres
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Native vegetation establishment on area surrounding newly constructed parking lot to prevent erosion and provide pollinator habitat.	Install Date: 06/14/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	0.42	Literature Value	St. Francis

Activity Action Name:	#2024-05-01 Steinbrecher	Activity Count: 1
Practice Type:	512 - Pasture and Hay Planting	Size/Units: 20 - Acres
TA Provider/JAA:	SWCD	Lifespan: 5 Years
Practice Description:	Hayland installed on dryland cropland to reduce environmental impacts of adjacent open water ditch.	Install Date: 06/14/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	60	Literature Value	Elk River

Activity Action Name:	#2024-04-01 - A&L	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 25 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Multi species cover crop after corn.	Install Date: 10/15/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	75	Literature Value	Briggs Lake

Activity Action Name:	#2023-09-03_Sevcik	Activity Count: 1
Practice Type:	327 - Conservation Cover	Size/Units: 0.03 - Acres
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Conversion of non-native cool season grasses to a diverse mix of native grasses, sedges, and forbs using a combination of seed and live plants.	Install Date: 08/28/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	0.1	Literature Value	St. Francis

Activity Name: Forestry Practices

Activity Category: Forestry Practices

Staff time?: No

Description: These funds will be used to provide 75% cost share for Forest Stand Improvement 666, Tree and Shrub establishment 612, and windbreak/shelter belt establishments 380 which will be designed and 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 Rum River and MRSC Watershed Management Plan or Sherburne County Local Water Management Plan. See the attached Sherburne SWCD Local Cost Share Policy for additional details.

Actual Results

<u>Results</u>	<u>Date Added</u>
	11/29/2022 11:25:14 AM
No funds spent in CY2023	1/25/2024 2:04:14 PM
No funds spent in 2024	11/22/2024 7:14:18 AM

Activity Name: 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 and/or Residue and Tillage Management (No-till) 329 which will be designed and 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 Rum River or MRSC Watershed Management plans or the Sherburne County Local Water Management Plan.

See the attached Sherburne SWCD Local Cost Share Policy for payment rates, 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	2023 - Soil Health Cost Share (Sherburne SWCD)	\$6,000.00	\$3,750.00	\$2,250.00	11/09/2024	N

Actual Results

<u>Results</u>	<u>Date Added</u>
	11/29/2022 11:07:40 AM
#2023-05-01 – Peterson - The Sherburne SWCD provided cost share to A&L Peterson Farm Inc to plant a multi-species cover crop as part of a three year soil health project.	1/25/2024 3:20:12 PM
#2023_05-01 Peterson - The final year of a multi species cover crop was planted after corn to improve soil health and reduce nitrates to groundwater.	11/22/2024 7:27:11 AM

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	3	Tons/Yr

Activity Action Name: #2023_05-01 Peterson	Activity Count: 1
Practice Type: 340 - Cover Crop	Size/Units: 25 - Acres
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description: cover crop species planted into corn, 4 species blend.	Install Date: 06/01/2023
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	3	WEPS (Wind Erosion Prediction System)	Briggs Lake

Activity Name: Project Development

Activity Category: Project Development

Staff time?: Yes

Description: Sherburne SWCD staff will conduct workshops, and provide education and outreach for the purpose of project/practice establishment under the Soil Health grant.

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 (Sherburne SWCD)	\$1,000.00	\$1,000.00	\$0.00	10/26/2024	N

Actual Results

Results Date Added

11/29/2022 10:59:20 AM

Funds were used towards education and outreach for the purpose of project/practice establishment under the Soil Health grant.

1/25/2024 2:09:14 PM

Funds were used towards education and outreach for the purpose of project/practice establishment under the Soil Health grant.

11/22/2024 7:49:04 AM

Activity Name: Technical/ Engineering Assistance

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Sherburne SWCD will provide technical assistance and for the Soil Health grant by assisting landowners with the contract application process, conducting site investigations and technical assessments, and completing vouchers.

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 (Sherburne SWCD)	\$2,675.00	\$2,675.00	\$0.00	11/14/2024	N
Actual Results						
<u>Results</u>						<u>Date Added</u>
						11/29/2022 10:51:21 AM
Funds were used towards technical assistance for the Soil Health grant by assisting landowners with the contract application process, conducting site investigations and technical assessments, and completing vouchers.						1/25/2024 2:11:21 PM
Funds were used towards technical assistance for the Soil Health grant by assisting landowners with the contract application process, conducting site investigations and technical assessments, and completing vouchers.						11/22/2024 7:49:28 AM