



Grant Work Plan

Cost Share 2023

Grant Title: 2023 - State Cost-Share Fund (Brown SWCD)

Grant ID: P23-5757

Grantee: Brown SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Melanie Krueger

Grant Award (\$): \$14,757.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 01/04/2022

Grant End Date: 12/31/2024

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$13,174.57	\$13,174.57	\$1,582.43
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$110,572.79	\$110,572.79	\$0.00
Total	\$123,747.36	\$123,747.36	\$1,582.43

*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?
2023 Agricultural Practices Cost Share	Agricultural Practices	Current State Grant	2023 - State Cost-Share Fund (Brown SWCD)	\$0.00		\$0.00	N
SCS2022-02 Mathiowetz	Agricultural Practices	Other Funds	2021 - State Cost-Share Fund (Brown SWCD)	\$2,327.24	\$2,327.24	\$0.00	N
SCS2022-02 Mathiowetz	Agricultural Practices	Current State Grant	2023 - State Cost-Share Fund (Brown SWCD)	\$11,033.30	\$11,033.30	\$0.00	N
SCS2022-02 Mathiowetz	Agricultural Practices	Other Funds	2022 - State Cost-Share Fund (Brown SWCD)	\$8,010.46	\$8,010.46	\$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>
SCS2023-01 Waterway	Agricultural Practices	Other Funds	2022 - State Cost-Share Fund (Brown SWCD)	\$6,013.18	\$6,013.18	\$0.00	N
SCS2023-01 Waterway	Agricultural Practices	Current State Grant	2023 - State Cost-Share Fund (Brown SWCD)	\$2,141.27	\$2,141.27	\$0.00	N
SCS2022-02 Mathiowetz	Agricultural Practices	Federal Funds	Federal Funds	\$10,757.00	\$10,757.00	\$0.00	N
SCS2023-01 Waterway	Agricultural Practices	Landowner Fund	Landowner Match	\$2,718.15	\$2,718.15	\$0.00	N
2023 Conservation Drainage Practices Cost Share	Conservation Drainage	Current State Grant	2023 - State Cost-Share Fund (Brown SWCD)	\$0.00		\$0.00	N
2023 Nonstructural Land Management Practices Cost Share	Non-Structural Management Practices	Current State Grant	2023 - State Cost-Share Fund (Brown SWCD)	\$0.00		\$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)	Phosphorus (Est. Reduction)	6.71	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	5.83	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	10.41	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	36.67	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	31.89	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	31.89	Tons/Yr

Grant Activities

Activity Name: 2023 Agricultural Practices Cost Share

Activity Category: Agricultural Practices

Staff time?: No

Description: Funds will be used to provide 75% cost share, not to exceed 100% for state and non-state funds combined, for eligible agricultural practices that are designed and installed according to NRCS FOTG standards and specifications. Practices will be installed in high priority areas as identified in the Brown SWCD Cost Share Policy and the Brown County Comprehensive Local Water Management Plan. The FY22/23 Brown SWCD State Cost Share Policy 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 - State Cost-Share Fund (Brown SWCD)	\$0.00		\$0.00		N

Actual Results

2023 Reporting: Most funds under this grant have been expensed to 2 agricultural practice projects total. Both of those projects are co-funded with other grants so are listed as separate work plan activities and not within this work plan activity detail section. Remaining grant funds will be used to co-fund another agricultural practice project in 2024.

The 2 projects completed as of 12/31/2023:

SCS2023-01, Waterway

SCS2022-02, WASC0B (x2)

Activity Name: 2023 Conservation Drainage Practices Cost Share

Activity Category: Conservation Drainage

Staff time?: No

Description: Funds will be used to provide 75% cost share, not to exceed \$450.00 per intake, for eligible conservation drainage alternative tile intake practices that are designed and installed according to professional engineering standards and specifications. Practices will be installed in high priority areas as identified in the Brown SWCD Cost Share Policy and the Brown County Comprehensive Local Water Management Plan. The FY22/23 Brown SWCD State Cost Share Policy 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 - State Cost-Share Fund (Brown SWCD)	\$0.00		\$0.00		N

Actual Results

No projects were funded in this category. All funds were moved to Agricultural Practices type projects.

Activity Name: 2023 Nonstructural Land Management Practices Cost Share

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: Funds will be used to provide flat rate cost share for the installation of cover crops that are designed and installed according to NRCS FOTG standards and specifications. Practices will be installed in high priority areas as identified in the Brown SWCD Cost Share Policy and the Brown County Comprehensive Local Water Management Plan. The FY22/23 Brown SWCD State Cost Share Policy 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 - State Cost-Share Fund (Brown SWCD)	\$0.00		\$0.00		N

Actual Results

No projects were funded in this category. All funds were moved to Agricultural Practices type projects.

Activity Name: SCS2022-02 Mathiowetz

Activity Category: Agricultural Practices

Staff time?: No

Description: WASCOB

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	2021 - State Cost-Share Fund (Brown SWCD)	\$2,327.24	\$2,327.24	\$0.00	12/31/2023	N
Current State Grant	2023 - State Cost-Share Fund (Brown SWCD)	\$11,033.30	\$11,033.30	\$0.00	12/31/2023	N
Current State Grant	2022 - State Cost-Share Fund (Brown SWCD)	\$8,010.46	\$8,010.46	\$0.00	12/31/2023	N
Federal Funds	Federal Funds	\$10,757.00	\$10,757.00	\$0.00	12/31/2023	N

Actual Results

Completion of a WASC OB project as planned (project was co-funded with FY21 State Cost Share, FY22 State Cost Share, FY23 State Cost Share, and Federal Funds).

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	6.71	Lbs/Yr
Sediment (Tss)	5.83	Tons/Yr
Soil (Est. Savings)	10.41	Tons/Yr

Activity Action Name:	SCS2022-02	Activity Count: 2
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 2 - Acre-Feet/Yr
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Completion of a WASC OB project in Mulligan 17 as designed by NRCS. Two WASC OBs were installed. This project is co-funded with FY22 state cost share, FY23 state cost share, and federal EQIP funds.	Install Date: 12/13/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	10.41	Bwsr Calc (Gully Stabilization)	Little Cottonwood Watershed
Phosphorus (Est. Reduction)	Lbs/Yr	6.71	Bwsr Calc (Gully Stabilization)	Little Cottonwood Watershed
Sediment (Tss)	Tons/Yr	5.83	Bwsr Calc (Gully Stabilization)	Little Cottonwood Watershed

Activity Name: SCS2023-01 Waterway

Activity Category: Agricultural Practices

Staff time?: No

Description: Grassed Waterway

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>
Landowner Fund	Landowner Match	\$2,718.15	\$2,718.15	\$0.00	10/11/2023	N
Current State Grant	2022 - State Cost-Share Fund (Brown SWCD)	\$6,013.18	\$6,013.18	\$0.00	10/11/2023	N
Current State Grant	2023 - State Cost-Share Fund (Brown SWCD)	\$2,141.27	\$2,141.27	\$0.00	10/11/2023	N

Actual Results

Completion of a Grassed Waterway project as planned (project was co-funded with FY22 State Cost Share and FY23 State Cost Share)

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	31.89	Tons/Yr
Soil (Est. Savings)	31.89	Tons/Yr
Phosphorus (Est. Reduction)	36.67	Lbs/Yr

Activity Action Name: SCS2023-01 Waterway

Practice Type: 412 - Grassed Waterway and Swales

TA Provider/JAA: NRCS

Practice Description: Completion of a Grassed Waterway project in Stately 35 as designed by the NRCS. This project is co-funded with the FY23 state cost share grant.

Activity Count: 1

Size/Units: 1.75 - Acres

Lifespan: 10 Years

Install Date: 10/11/2023

Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	36.67	Bwsr Calc (Gully Stabilization)	Little Cottonwood Watershed
Sediment (Tss)	Tons/Yr	31.89	Bwsr Calc (Gully Stabilization)	Little Cottonwood Watershed
Soil (Est. Savings)	Tons/Yr	31.89	Bwsr Calc (Gully Stabilization)	Little Cottonwood Watershed