



Grant Work Plan

Cost Share 2022

Grant Title: 2022 - State Cost-Share Fund (Brown SWCD)

Grant ID: P22-5667

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	\$14,757.00	\$14,757.00	\$0.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$120,894.85	\$120,894.85	\$0.00
Total	\$135,651.85	\$135,651.85	\$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?
SCS2023-01 Waterway	Agricultural Practices	Current State Grant	2022 - State Cost-Share Fund (Brown SWCD)	\$6,013.18	\$6,013.18	\$0.00	N
SCS2023-01 Waterway	Agricultural Practices	Other Funds	2023 - State Cost-Share Fund (Brown SWCD)	\$2,141.27	\$2,141.27	\$0.00	N
FY21-04 Maas	Agricultural Practices	Other Funds	2021 - State Cost-Share Fund (Brown SWCD)	\$4,356.00	\$4,356.00	\$0.00	N
2022 Agricultural Practices Cost Share	Agricultural Practices	Current State Grant	2022 - State Cost-Share Fund (Brown SWCD)	\$733.36	\$733.36	\$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>
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	Other Funds	2023 - State Cost-Share Fund (Brown SWCD)	\$11,033.30	\$11,033.30	\$0.00	N
SCS2022-02 Mathiowetz	Agricultural Practices	Current State Grant	2022 - State Cost-Share Fund (Brown SWCD)	\$8,010.46	\$8,010.46	\$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
FY21-04 Maas	Agricultural Practices	Landowner Fund	Landowner Match	\$1,452.00	\$1,452.00	\$0.00	Y
2022 Conservation Drainage Practices Cost Share	Conservation Drainage	Current State Grant	2022 - State Cost-Share Fund (Brown SWCD)	\$0.00		\$0.00	N
2022 Nonstructural Land Management Practices Cost Share	Non-Structural Management Practices	Current State Grant	2022 - State Cost-Share Fund (Brown SWCD)	\$0.00		\$0.00	N

<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)	38.53	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	38.53	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	38.53	Tons/Yr

Indicator Summary

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	13.6	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	13.6	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	27.2	Tons/Yr
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

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Estimates)			

Grant Activities

Activity Name: 2022 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	2022 - State Cost-Share Fund (Brown SWCD)	\$733.36	\$733.36	\$0.00	09/14/2022	N

Actual Results

2022 Agricultural Practices Cost Share: 2022 Reporting

Funds expended to this activity during 2022 were for a completed grassed waterway project that was co-funded with the MAWQCP FA grant and SCTSA provided technical authority.

Total funds of \$733.36 have been expended to this grant activity as follows:

\$733.36 = FY22-01 Cost Share Project Payment 9/14/22

2023 Reporting:

All funds under this grant have been expended to 3 agricultural practice projects total. Two of the projects are co-funded with other grants so are listed as separate work plan activities and not within this work plan activity detail section.

The 3 projects completed were:

FY22-01, Waterway

SCS2023-01, Waterway

SCS2022-02, WASCOB (x2).

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	38.53	Lbs/Yr
Soil (Est. Savings)	38.53	Tons/Yr
Sediment (Tss)	38.53	Tons/Yr

Activity Action Name:	FY22-01 Schwartz	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 918 - Cfu
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Installation of grassed waterway project in Leavenworth 8.	Install Date: 09/14/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	38.53	Bwsr Calc (Gully Stabilization)	29011
Phosphorus (Est. Reduction)	Lbs/Yr	38.53	Bwsr Calc (Gully Stabilization)	29011
Soil (Est. Savings)	Tons/Yr	38.53	Bwsr Calc (Gully Stabilization)	29011

Activity Name: 2022 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	2022 - 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: 2022 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	2022 - 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: FY21-04 Maas						
Activity Category: Agricultural Practices					Staff time?: No	
Description: Contract for a Grassed Waterway project in Home 14 (co-funded project with 2022 cost share grant funds)						
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)	\$4,356.00	\$4,356.00	\$0.00	12/27/2022	N
Landowner Fund	Landowner Match	\$1,452.00	\$1,452.00	\$0.00	12/27/2022	Y
Actual Results						
Completion of a Grassed Waterway project in Home 14. Project came in under estimate so only FY21 grant funds were used towards final cost of project cost share payment to landowner.						
Final Indicators						
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>				
Sediment (Tss)	13.6	Tons/Yr				
Phosphorus (Est. Reduction)	13.6	Lbs/Yr				
Soil (Est. Savings)	27.2	Tons/Yr				

Activity Action Name:	FY21-04 Maas	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 340 - Cfu
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Installation of a grassed waterway project in Home 14.	Install Date: 12/27/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	27.2	Bwsr Calc (Gully Stabilization)	28092
Phosphorus (Est. Reduction)	Lbs/Yr	13.6	Bwsr Calc (Gully Stabilization)	28092
Sediment (Tss)	Tons/Yr	13.6	Bwsr Calc (Gully Stabilization)	28092

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 WASCOB 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	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1.75 - Acres
TA Provider/JAA:	NRCS	Lifespan: 10 Years
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.	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