



Grant Progress Report

Soil Health Cost Share 2023

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

Grant ID: P23-2679

Grantee: Crow Wing SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Melissa Barrick

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

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 11/17/2022

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	\$0.00	\$0.00	\$0.00
Total	\$14,175.00	\$14,175.00	\$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 Agricultural Practices	Non-Structural Management Practices	Current State Grant	2023 - Soil Health Cost Share (Crow Wing SWCD)	\$11,340.00	\$9,848.80	\$1,491.20	N
FY23 Soil Health Technical Assistance and Administration	Technical/Engineering Assistance	Current State Grant	2023 - Soil Health Cost Share (Crow Wing SWCD)	\$2,835.00	\$4,326.20	(\$1,491.20)	N

Indicator Summary

Indicator Category	Proposed Indicator	Total Value	Unit
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Indicator Category	Final Indicator	Total Value	Unit
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	1.38	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	1.25	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	0.76	Tons/Yr

Grant Activities

Activity Name: FY23 Soil Health Agricultural Practices

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: These funds will be used to provide up to 75% Percentage based cost share for Cover Crops 340, Residue and Tillage Management (No-till) 329, Conservation Cover 327, and/or Prescribed Grazing 528 which will be designed and installed according to standards and specifications found in the NRCS Field Office Technical Guide.

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 (Crow Wing SWCD)	\$11,340.00	\$9,848.80	\$1,491.20	08/21/2024	N

Actual Results

The SWCD is the beginning of planning for these funds. We have identified projects that could work for these funds. No time or expenses have been billed.

The SWCD has completed 1 conservation cover (327) project and have encumbered 3 conservation cover (327) conservation cover projects. Contract number soilhealth-01 reduced .14 pounds of phosphorus and .17 tons of sediment annually. In addition, restored 380 square feet or .008 acres of soil health practices. The additional projects will restore 3.64 acres of soil health practices.

The SWCD has completed 5 conservation cover (327) projects. There are no planned/encumbered projects remaining.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	1.25	Tons/Yr
Soil (Est. Savings)	0.76	Tons/Yr
Phosphorus (Est. Reduction)	1.38	Lbs/Yr

Activity Action Name: Kadrie	Activity Count: 1
Practice Type: 342 - Critical Area Planting	Size/Units: 0.14 - Acres
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date: 05/21/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	0.04	Bwsr Calc (Sheet And Rill)	Upper Cullen
Sediment (Tss)	Tons/Yr	0.53	Bwsr Calc (Sheet And Rill)	Upper Cullen
Phosphorus (Est. Reduction)	Lbs/Yr	0.77	Bwsr Calc (Sheet And Rill)	Upper Cullen

Activity Action Name:	Whitson	Activity Count: 1
Practice Type:	342 - Critical Area Planting	Size/Units: 0.01 - Acres
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 06/11/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.55	Bwsr Calc (Sheet And Rill)	Lower Cullen
Phosphorus (Est. Reduction)	Lbs/Yr	0.47	Bwsr Calc (Sheet And Rill)	Lower Cullen
Soil (Est. Savings)	Tons/Yr	0.55	Bwsr Calc (Sheet And Rill)	Lower Cullen

Activity Action Name:	Jill Heley-Otterson	Activity Count: 1
Practice Type:	721M - Native Pocket Planting: Shoreline Buffer	Size/Units: 800 - Square Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	75 linear feet of shoreline	Install Date: 06/24/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.17	Bwsr Calc (Sheet And Rill)	Little Pine
Phosphorus (Est. Reduction)	Lbs/Yr	0.14	Bwsr Calc (Sheet And Rill)	Little Pine
Soil (Est. Savings)	Tons/Yr	0.17	Bwsr Calc (Sheet And Rill)	Little Pine

Activity Name: FY23 Soil Health Non-Structural Practices

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: Match for Non-Structural Management Practices

Actual Results

No action taken in this activity.

Activity Name: FY23 Soil Health Technical Assistance and Administration

Activity Category: Technical/Engineering Assistance

Staff time?: No

Description: Crow Wing 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 NRCS staff with appropriate job approval authority (JAA).

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 (Crow Wing SWCD)	\$2,835.00	\$4,326.20	(\$1,491.20)	12/31/2024	N

Actual Results

The SWCD is the beginning of planning for these funds. We have identified projects that could work for these funds. No time or expenses have been billed.

Using 71 hours of staff time, SWCD technicians have helped plan and implement 5 soil health practices.