



Grant Progress Report

Soil Health Cost Share 2023

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

Grant ID: P23-2667

Grantee: Big Stone SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Tammy Neubauer

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

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 01/26/2023

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	\$6,631.32	\$3,781.32	\$2,850.00
Total	\$20,806.32	\$17,956.32	\$2,850.00

*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?
2023 Soil Health Non-Structural Land Management Practices	Non-Structural Management Practices	Current State Grant	2023 - Soil Health Cost Share (Big Stone SWCD)	\$9,155.00	\$9,155.00	\$0.00	N
23SH-3 Cover Crop Contract	Non-Structural Management Practices	Other Funds	2023 - SWCD Local Capacity Services (Big Stone SWCD)	\$6,631.32	\$3,781.32	\$2,850.00	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>
23SH-3 Cover Crop Contract	Non-Structural Management Practices	Current State Grant	2023 - Soil Health Cost Share (Big Stone SWCD)	\$3,368.68	\$3,368.68	\$0.00	N
2023 Soil Health Technical Assistance and Administration	Technical/Engineering Assistance	Current State Grant	2023 - Soil Health Cost Share (Big Stone SWCD)	\$1,651.32	\$1,651.32	\$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	452	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	21	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	30	Tons/Yr
Water Pollution (Reduction Estimates)	Nitrogen	547	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	27	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	93	Tons/Yr

Grant Activities

Activity Name: 2023 Soil Health Non-Structural Land Management Practices

Activity Category: Non-Structural Management Practices **Staff time?:** No

Description: This activity 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 that are identified in the Big Stone SWCD Erosion Control and Water Management Policy. Attached to this work plan is the Big Stone SWCD Erosion Control and Water Management Program Policy that includes 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 (Big Stone SWCD)	\$9,155.00	\$9,155.00	\$0.00	06/04/2024	N

Actual Results

A 115 acres cover crop contract and a 95 acres no till contract

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	30	Tons/Yr
Nitrogen	452	Lbs/Yr
Phosphorus (Est. Reduction)	21	Lbs/Yr

Activity Action Name: 23SH-2	Activity Count: 115
Practice Type: 340 - Cover Crop	Size/Units: 115 - Acres
TA Provider/JAA: Private Consultant	Lifespan: 1 Year
Practice Description: Cover crops on 115 acres in 2024.	Install Date: 06/04/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	10	PTMApp - Priority Resource	Stony Run Creek
Phosphorus (Est. Reduction)	Lbs/Yr	8	PTMApp - Priority Resource	Stony Run Creek
Nitrogen	Lbs/Yr	193	PTMApp - Priority Resource	Stony Run Creek

Activity Action Name:	23SH-1	Activity Count: 95
Practice Type:	329 - Residue & Tillage Management (no/strip-till)	Size/Units: 95 - Acres
TA Provider/JAA:	Private Consultant	Lifespan: 3 Years
Practice Description:	No till on 95 acres	Install Date: 06/04/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	13	PTMApp - Priority Resource	5 Mile Creek
Nitrogen	Lbs/Yr	259	PTMApp - Priority Resource	5 Mile Creek
Sediment (Tss)	Tons/Yr	20	PTMApp - Priority Resource	5Mile Creek

Activity Name: 2023 Soil Health Technical Assistance and Administration

Activity Category: Technical/Engineering Assistance **Staff time?:** Yes

Description: Big Stone SWCD will provide administration and technical assistance to the General Fund Soil Health grant by assisting landowners with the requirements of the contract, contract application process, conducting site visits, and technical assessments, completing vouchers, making payments, and maintaining records for reporting. Technical assistance for agricultural practices will be provided by the West Central Technical Service Area 2 that has appropriate job approval authority (JAA) for these practices.

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 (Big Stone SWCD)	\$1,651.32	\$1,651.32	\$0.00	08/28/2024	N
Actual Results						
4/1/2023 to 12/31/2023:						
2023 Soil Health Administration & Outreach						
District Manager: 12.75 hrs @ \$64.19/hr = \$818.41						
6/30/2024 to 8/24/2024:						
Soil Health Administration & Outreach:						
District Manager - reporting, creating contracts, creating contract vouchers, consulting with landowners about rates, terms of cost share - 13 hrs @ \$64.07/hr = \$832.91						

Activity Name: 23SH-3 Cover Crop Contract

Activity Category: Non-Structural Management Practices **Staff time?:** No

Description: This activity 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 that are identified in the Big Stone SWCD Erosion Control and Water Management Policy. Attached to this work plan is the Big Stone SWCD Erosion Control and Water Management Program Policy that includes 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 - SWCD Local Capacity Services (Big Stone SWCD)	\$6,631.32	\$3,781.32	\$2,850.00	11/05/2024	N
Current State Grant	2023 - Soil Health Cost Share (Big Stone SWCD)	\$3,368.68	\$3,368.68	\$0.00	11/05/2024	N

Actual Results

23SH-3 for 143 acres of cover crops.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	93	Tons/Yr
Nitrogen	547	Lbs/Yr
Phosphorus (Est. Reduction)	27	Lbs/Yr

Activity Action Name: 23SH-3 Cover Crops	Activity Count: 1
Practice Type: 340 - Cover Crop	Size/Units: 143 - Acres
TA Provider/JAA: Private Consultant	Lifespan: 3 Years
Practice Description: 143 acres cover crops	Install Date: 11/05/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	93	PTMApp - Priority Resource	Lower Big Stone Lake
Phosphorus (Est. Reduction)	Lbs/Yr	27	PTMApp - Priority Resource	Lower Big Stone Lake
Nitrogen	Lbs/Yr	547	PTMApp - Priority Resource	Lower Big Stone Lake