

Grant Progress Report

SWCD Local Capacity Services 2021

Grant Title: 2021 - SWCD Local Capacity Services (Big Stone SWCD)

Grant Award (\$): \$124,805.00

Grant Execution Date: 10/08/2020

Grant ID: P21-2685

Required Match (%): 0

Grant End Date: 12/31/2023

Grantee: Big Stone SWCD

Required Match (\$): \$0.00

Fiscal Agent:

Grant Day-to-Day Contact: Tammy Neubauer

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$124,805.00	\$124,805.00	\$0.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$264,759.72	\$264,759.72	\$0.00
Total	\$389,564.72	\$389,564.72	\$0.00

^{*}Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Soil Erosion - 2021 Local Capacity Administration	Administration/Coordination	Current State Grant	2021 - SWCD Local Capacity Services (Big Stone SWCD)	\$49,842.41	\$49,842.41		N
Soil Erosion - 2021 Local Capacity Cost	Agricultural Practices	Current State Grant	2021 - SWCD Local Capacity Services (Big Stone SWCD)	\$9,374.25	\$9,374.25	\$0.00	N

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Share-Soil Stabilizing Practices							
Soil Erosion - 2020 Cost Share Assistance-Soil Stabilizing Practices	Agricultural Practices	Current State Grant	2021 - SWCD Local Capacity Services (Big Stone SWCD)	\$2,164.84	\$2,164.84	\$0.00	N
Soil Erosion - 2020 Cost Share Assistance-Soil Stabilizing Practices	Agricultural Practices	Other Funds	2021 - State Cost-Share Fund (Big Stone SWCD)	\$30.90	\$30.90	\$0.00	N
Soil Erosion - 2020 Cost Share Assistance-Soil Stabilizing Practices	Agricultural Practices	Other Funds	2020 - SWCD Local Capacity Services (Big Stone SWCD)	\$2,604.26	\$2,604.26	\$0.00	N
Soil Erosion - 2021 Local Capacity Education & Information	Education/Information	Current State Grant	2021 - SWCD Local Capacity Services (Big Stone SWCD)	\$600.00	\$600.00	\$0.00	N
Soil Erosion - 2021 Local Capacity Groundwater	Groundwater	Current State Grant	2021 - SWCD Local Capacity Services (Big Stone SWCD)	\$487.50	\$487.50	\$0.00	N
Soil Erosion - 2021 Local Capacity Cost Share Assistance Livestock Waste Management	Livestock Waste Management	Current State Grant	2021 - SWCD Local Capacity Services (Big Stone SWCD)	\$13,336.00	\$13,336.00	\$0.00	N
Soil Erosion - 2019 LC Cost Share Assistance -	Streambank or Shoreline Protection	Other Funds	2020 - SWCD Local Capacity Services (Big Stone SWCD)	\$15,924.00	\$15,924.00	\$0.00	N

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
shoreline restorations							
Soil Erosion - 2019 LC Cost Share Assistance - shoreline restorations	Streambank or Shoreline Protection	Other Funds	2019 - State Cost-Share Fund (Big Stone SWCD)	\$245.94	\$245.94	\$0.00	N
Soil Erosion - 2019 LC Cost Share Assistance - shoreline restorations	Streambank or Shoreline Protection	Other Funds	2019 - SWCD Local Capacity Services (Big Stone SWCD)	\$5,200.00	\$5,200.00	\$0.00	N
Soil Erosion - 2019 LC Cost Share Assistance - shoreline restorations	Streambank or Shoreline Protection	Other Funds	2020 - State Cost-Share Fund (Big Stone SWCD)	\$5,240.00	\$5,240.00	\$0.00	N
Soil Erosion - 2019 LC Cost Share Assistance - shoreline restorations	Streambank or Shoreline Protection	Other Funds	2021 - State Cost-Share Fund (Big Stone SWCD)	\$2,929.10	\$2,929.10	\$0.00	N
Soil Erosion - 2021 Local Capacity Equipment & Supplies	Supplies/Equipment	Current State Grant	2021 - SWCD Local Capacity Services (Big Stone SWCD)	\$5,000.00	\$5,000.00	\$0.00	N
Soil Erosion - 2021 Local Capacity Technical Assistance	Technical/Engineering Assistance	Current State Grant	2021 - SWCD Local Capacity Services (Big Stone SWCD)	\$44,000.00	\$44,000.00	\$0.00	N

Indicator Category	Proposed Indicator	Total Value Unit	Indicator Category	Final Indicator	Total Value	Unit
			Water Pollution	Phosphorus (Est. Reduction)	15.3	Lbs/Yr
			(Reduction			
			Estimates)			

Indicator Summary

Indicator Category	Final Indicator	Total Value	Unit
Water Pollution (Reduction Estimates)	Sediment (Tss)	9.71	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	88	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	48.62	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	48.62	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	48.62	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	9.56	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	9.56	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	9.56	Tons/Yr
Pollution Prevention	Prevention	1	Count

Indicator Category	Final Indicator	Total Value	Unit
Pollution Prevention	Prevention	1	Count

Grant Activities

Activity Name: 2021 Local Capacity Education & Information

Activity Category: Education/Information Staff time?: No

Description: Soil Erosion - 2021 Education and Information. Ref: Big Stone County Comprehensive Local Water Management Plan. This activity will allow funding for necessary training events for staff. Examples of training include, but are not limited to: MASWCD Leadership Institute, Administrative and Technical training sessions, training for staff for new accounting software (additional training that is required to remain up to date with BWSR accounting requirements and reports), conservation planning certification, prairie restoration training, shoreland restoration training, engineering training, and other educational events provided by the USFWS, DNR, U of M, or NRCS training courses. This activity provides funds for the actual costs of the training and education of staff, such as hotel costs and registration fees. This activity may also be utilized for material costs for educational events put on by the SWCD.

Actual Results

Activity Name: Soil Erosion - 2019 LC Cost Share Assistance - shoreline restorations

Activity Category: Streambank or Shoreline Protection Staff time?: No

Description: shoreline/streambank restorations

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2020 - SWCD Local Capacity Services (Big Stone SWCD)	\$15,924.00	\$15,924.00	\$0.00	08/03/2021	N
Current State Grant	2019 - State Cost-Share Fund (Big Stone SWCD)	\$245.94	\$245.94	\$0.00	12/01/2020	N
Current State Grant	2019 - SWCD Local Capacity Services (Big Stone SWCD)	\$5,200.00	\$5,200.00	\$0.00	12/01/2020	N
Current State Grant	2020 - State Cost-Share Fund (Big Stone SWCD)	\$5,240.00	\$5,240.00	\$0.00	08/03/2021	N
Current State Grant	2021 - State Cost-Share Fund (Big Stone SWCD)	\$2,929.10	\$2,929.10	\$0.00	08/03/2021	N

12/01/2020 - Becky Stattelman shoreline/streambank restoration project. Total partial contract amount approved \$8,875.00; funds applied - 2019 state cost share \$245.94, 2019 Local Capacity grant funds \$5,200.00, 2020 Local Capacity grant funds \$1,210.31. Total cost share assistance paid \$6,656.25, or 75% of partial contract voucher total.

8/3/2021 - contract/project complete -

2020 State Cost Share - \$5240.00

2021 State Cost Share - \$2929.10

2020 Local Capacity - \$14713.95

total project costs: \$39,385.38

total cost share assistance - \$29,539.04, or 75%.

total landowner contribution - \$9846.34

Final Indicators

Indicator	Total Value	<u>Unit</u>
Sediment (Tss)	48.62	Tons/Yr
Soil (Est. Savings)	48.62	Tons/Yr
Phosphorus (Est. Reduction)	48.62	Lbs/Yr

Activity Action Name: LC19-2 Becky Stattelman

Practice Type: 580 - Streambank and Shoreline Protection

TA Provider/JAA: TSA

Practice Description: shoreline restoration

Activity Count: 1

Size/Units: 1 - Acre-Feet/Yr

Lifespan: 10 Years

Install Date: 12/01/2020

Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	48.62	Bwsr Calc (Stream & Ditch Stabilization)	Big Stone Lake
Phosphorus (Est. Reduction)	Lbs/Yr	48.62	Bwsr Calc (Stream & Ditch Stabilization)	Big Stone Lake
Soil (Est. Savings)	Tons/Yr	48.62	Bwsr Calc (Stream & Ditch Stabilization)	Big Stone Lake

Activity Name: Soil Erosion - 2020 Cost Share Assistance-Soil Stabilizing Practices

Activity Category: Agricultural Practices

Staff time?: No

Description: Soil Erosion - 2020 Cost Share Assistance Agricultural Projects/Shoreline/Streambank projects. Ref: Big stone County Comprehensive Local Water Management Plan/Big Stone SWCD Annual Plan of Work-Objective III-Cost Share Program Requirements Section A. High Priority Erosion Problems. This activity will provide cost share assistance to landowners who participate in highly valuable BMPs. Available cost share funds will be awarded and reimbursed with rates that are eligible and consistent with the FY20 BWSR Erosion and Sediment Control Program Policy. Examples of these streambank and shoreline protection BMPs include, but are not limited to: filter strips, shoreline restoration projects, streambank and shoreline protection, technical and financial assistance to achieve compliance with existing regulations, incorporation of cover crops, conservation tillage, or other practices that filter sediment, reduce soil erosion and protect surface water quality. Available cost share funds will be awarded and reimbursed for eligible practices with rates consistent with FY20 BWSR Erosion and Sediment Control program policy utilizing the Non-Structural Management section.

Source Type	Source Description	Budgeted	<u>Spent</u>	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2021 - SWCD Local Capacity Services (Big Stone SWCD)	\$2,164.84	\$2,164.84	\$0.00	09/06/2022	N
Current State Grant	2021 - State Cost-Share Fund (Big Stone SWCD)	\$30.90	\$30.90	\$0.00	09/06/2022	N
Current State Grant	2020 - SWCD Local Capacity Services (Big Stone SWCD)	\$2,604.26	\$2,604.26	\$0.00	09/06/2022	N

cover crops applied maximum 40 acres at \$40.00 per acre for 3 years per 2020 ECWMP- Andrew Halvorson #LC20-4

Final Indicators

Indicator	Total Value	<u>Unit</u>
Sediment (Tss)	9.71	Tons/Yr
Phosphorus (Est. Reduction)	15.3	Lbs/Yr
Soil (Est. Savings)	88	Tons/Yr

Activity Action Name: LC20-4 Andrew Halvorson Activity Count: 1

Practice Type: 340 - Cover Crop Size/Units: 40 - Acres

TA Provider/JAA: SWCD Lifespan: 3 Years

Practice Description: cover crops Install Date: 09/06/2022

Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	15.3	Rusle2 (Updated)	County Ditch 2
Sediment (Tss)	Tons/Yr	9.71	Rusle2 (Updated)	County Ditch 2
Soil (Est. Savings)	Tons/Yr	88	Rusle2 (Updated)	County Ditch 2

Activity Name: Soil Erosion - 2021 Local Capacity Administration

Activity Category: Administration/Coordination

Staff time?: Yes

Description: Soil Erosion - 2021 Administration Ref: Big Stone County Comprehensive Local Water Management Plan. This activity will provide for administrative time regarding continued workload, training and reporting. The District Manager will be responsible for administering, guiding and coordinating staff and partners while balancing the financial affairs and the operations of the District. This activity will be utilized to continue providing pay increases to retain quality staff.

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2021 - SWCD Local Capacity Services (Big Stone	\$49,842.41	\$49,842.41	\$0.00	10/18/2023	N
	SWCD)					

Actual Results

Administration: workload, training and reporting. The District Manager is responsible for administering, guiding and coordinating staff and partners while balancing the financial affairs and the operations of the District.

District Manager - 255.5 hrs @ \$54.84/hr = \$14,011.62

1/3/2021-6/5/2021:

District Manager - 148.75 hrs @ \$59.15/hr = \$8,798.56 plus (2/27/2021 - 6/5/2021) 353.5 hrs @ \$63.21/hr = \$22,344.73

Total for District Manager CY2021 - \$31,143.29

District Technician - spent 1.25 hrs in office assisting with administration for reporting - 1.25 hrs @ \$45.80 = \$57.25

Total administration for CY 2021 - \$21,193.38 (actual administrative time applied exceeds remaining activity budget by \$7.16)

CY2023: administration workload

District Manager - 9/8/2023-9/23/2023

(\$4637.41 transferred from Soil Stabilizing Practices due to lack of projects for the end of 2023. Work Plan Budget Adjustment meets criteria allowed by BWSR)

72.5 hrs @ \$64.19/hr = \$4653.77 (admin time applied exceeds budget by \$16.36).

Activity Name: Soil Erosion - 2021 Local Capacity Cost Share Assistance Livestock Waste Management

Activity Category: Livestock Waste Management Staff time?: No

Description: Ag waste pit closure

Budget Details

Source Type	Source Description	Budgeted	<u>Spent</u>	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2021 - SWCD Local Capacity Services (Big Stone	\$13,336.00	\$13,336.00	\$0.00	08/03/2021	N
	SWCD)					

Actual Results

ag pit closure Cathy Klebofski #LC21-1

Final Indicators

<u>Indicator</u>	Total Value	<u>Unit</u>
ention	1	Count

Activity Action Name: Cathy Klebofski Ag Waste Pit Closure #LC21-2

Practice Type: 360 - Closure of Waste Impoundments

TA Provider/JAA: TSA

Practice Description: ag waste pit closure

Activity Count: 1

Size/Units: 1 - Acre-Feet/Yr

Lifespan: 10 Years

Install Date: 08/03/2021

Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	1	Unknown	groundwater

Activity Name: Soil Erosion - 2021 Local Capacity Cost Share-Soil Stabilizing Practices

Activity Category: Agricultural Practices Staff time?: No

Description: Soil Erosion - 2021 Cost Share Assistance Agricultural Projects/Shoreline/Streambank Projects. Ref: Big Stone County Comprehensive Local Water Management Plan -Cost Share Program Requirements Section A. High Priority Erosion Problems. This activity will provide cost share assistance to landowners who participate in highly valuable BMPs. Examples of these streambank and shoreline protection BMPs include, but are not limited to: filter strips, shoreline restoration projects, streambank and shoreline protection, technical and financial assistance to achieve compliance with existing regulations, incorporation of cover crops, conservation tillage, or other practices that filter sediment, reduce soil erosion and protect surface water quality. Available cost share funds will be awarded and reimbursed for eligible practices with rates consistent with FY21 BWSR Erosion and Sediment Control program policy utilizing the Non-Structural Management section.

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2021 - SWCD Local Capacity Services (Big Stone	\$9,374.25	\$9,374.25	\$0.00	09/05/2023	N
	SWCD)					

Actual Results

21LC-3 Mike Haukos shoreline restoration

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	9.56	Tons/Yr
Phosphorus (Est. Reduction)	9.56	Lbs/Yr
Sediment (Tss)	9.56	Tons/Yr

Activity Action Name: 21LC-3 Mike Haukos

410 - Grade Stabilization Structure

TA Provider/JAA: TSA

Practice Type:

Practice Description: shoreline stabilization

Activity Count: 1

Size/Units: 1 - Acre-Feet/Yr

Lifespan: 10 Years

Install Date: 07/18/2023

Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	9.56	Bwsr Calc (Stream & Ditch Stabilization)	Unnamed lake
Sediment (Tss)	Tons/Yr	9.56	Bwsr Calc (Stream & Ditch Stabilization)	Unnamed lake
Phosphorus (Est.	Lbs/Yr	9.56	Bwsr Calc (Stream & Ditch Stabilization)	Unnamed lake
Reduction)				

Activity Name: Soil Erosion - 2021 Local Capacity Education & Information

Activity Category: Education/Information

Staff time?: No

Description: Soil Erosion - 2021 Education and Information. Ref: Big Stone County Comprehensive Local Water Management Plan. This activity will allow funding for necessary training events for staff. Examples of training include, but are not limited to: MASWCD Leadership Institute, Administrative and Technical training sessions, training for staff for new accounting software (additional training that is required to remain up to date with BWSR accounting requirements and reports), conservation planning certification, prairie restoration training, shoreland restoration training, engineering training, and other educational events provided by the USFWS, DNR, U of M, or NRCS training courses. This activity provides funds for the actual costs of the training and education of staff, such as hotel costs and registration fees. This activity may also be utilized for material costs for educational events put on by the SWCD.

Source Type	Source Description	Budgeted	<u>Spent</u>	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2021 - SWCD Local Capacity Services (Big Stone	\$600.00	\$600.00	\$0.00	09/26/2022	N
	SWCD)					

education activity includes:

- -booth at Sports & Leisure Show, Ortonville \$40.00
- -table for display \$169.99
- -county fair booth \$50.00
- -BWSR Academy registration/district manager \$165.00
- -BWSR Academy registration/programs technician \$165.00
- -portion of BWSR Academy lodging/district manager at Cragun's \$10.01

total applied to education - \$600.00

Activity Name: Soil Erosion - 2021 Local Capacity Equipment & Supplies

Activity Category: Supplies/Equipment Staff time?: No

Description: Soil Erosion - 2021 Equipment and Supplies. Ref: Big Stone County Comprehensive Local Water Management Plan; The activity will contribute toward the purchase of equipment and technology as needed in order to increase the District's ability to provide quality services to our customers. The District plans to utilize these grant dollars to purchase the following equipment and technology, but not limited to: updated laptops and software for seasonal staff to utilize to further engage with the public and submit reports, continued service from phone and internet lines into the office (required for needed additional staff that cannot access the federal system), printer lease and monthly service agreement to accommodate workload, wireless internet monthly fees required for the GPS equipment.

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2021 - SWCD Local Capacity Services (Big Stone	\$5,000.00	\$5,000.00	\$0.00	11/17/2022	N
	SWCD)					

2021 Local Capacity equipment:

1/4/2022-9/26/2022

- -Federated Telephone-separate phone line from federal phones \$1093.88
- -Verizon jet pack connection and separate internet needed for Quickbooks \$498.65
- -Marco Technologies printer/copier lease to allow printing of Quickbooks reports, district billing, etc \$1236.17
- -New Tech Solutions federal laptop for district manager to replace outdated desktop computer \$2258.97

total applied to 2021 Local Capacity equipment - \$5000.00 (total equipment purchases exceed budget by \$87.67)

Activity Name: Soil Erosion - 2021 Local Capacity Groundwater

Activity Category: Groundwater Staff time?: No

Description: well decommissioning

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2021 - SWCD Local Capacity Services (Big Stone	\$487.50	\$487.50	\$0.00	07/06/2021	N
	SWCD)					

Actual Results

#LC21-2 well decommissioning David Webster

Final Indicators

<u>ndicator</u>	Total Value	<u>Unit</u>
revention	1	Count

Activity Action Name: David Webster #LC21-2 Activity Count: 1

Practice Type: 351 - Well Decommissioning Size/Units: 1 - Acre-Feet/Yr

TA Provider/JAA: Other Lifespan: In Perpetuity

Practice Description: well decommissioning Install Date: 07/06/2021

Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	1	Unknown	groundwater

Activity Name: Soil Erosion - 2021 Local Capacity Technical Assistance

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Soil Erosion - 2021 Technical Assistance. Ref: Big Stone County Comprehensive Local Water Management Plan. This activity will provide for technical time for current full time technical staff with regard to continued job performance, training, marketing, engineering and enhanced knowledge of conservation programs and services provided by the District.

This activity will be utilized to continue providing pay increases to retain quality staff. These positions are necessary to the increased capacity for the SWCD to continue to grow their conservation efforts including; more coordination with landowners, increased quality and quantity of reporting activities, and increased workload toward competitive grants and state regulation implementation. This activity will also assist in the contracted hire of a Technical Service Provider approved by BWSR to assist in training staff toward NRCS JAA, while providing landowners with assistance on non-structural practices such as; cover crops, nutrient management, and conservation tillage. This activity will also be used to continue assisting West Central Technical Service Area with reimbursement of their time assisting staff and landowners in designing structural engineered practices such as: WASCOBs, grassed waterways, shoreline restorations, rain gardens, and other qualified practices.

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2021 - SWCD Local Capacity Services (Big Stone	\$44,000.00	\$44,000.00	\$0.00	11/06/2021	N
	SWCD)					

Technical and Engineering Assistance and applied time for technical staff with regard to continued job performance, training, marketing, engineering and enhanced knowledge of conservation programs and assistance to landowners in applying these practices:

West Central Technical Service Area - engineering \$510.00

Program Technician - 226.5 hrs @ \$51.09/hr = \$11,571.88

District Technician - 145.75 hrs @ \$41.97/hr = \$6,117.12

Total Engineering Assistance CY2020 \$18,199.00

1/3/2021-11/6/2021:

Program Technician - 74.5 hrs @ \$47.68/hr = \$3552.16

District Technician - 88.25 hrs @ \$41.74/hr = \$3683.55

plus 365.0 hrs @ \$45.80/hr = \$16,717.00

Centrol Consulting - engineering assistance \$412.50

WCTSA - engineering assistance \$1,444.25

Total technical time and engineering for CY2021 - \$25,801.00 (actual costs exceed remaining budget for this activity by \$8.46).

Activity Name: Soil Erosion - Cost Share Assistance-Soil Stabilization Practices

Activity Category: Agricultural Practices Staff time?: No

Description: