



Grant Progress Report

SWCD Local Capacity Services 2021

Grant Title: 2021 - SWCD Local Capacity Services (Rock SWCD)

Grant Award (\$): \$127,905.00

Grant Execution Date: 12/07/2020

Grant ID: P21-2747

Required Match (%): 0

Grant End Date: 12/31/2023

Grantee: Rock SWCD

Required Match (\$): \$0.00

Fiscal Agent:

Grant Day-to-Day Contact: Mary Thompson

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$127,905.00	\$127,905.00	\$0.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$20,841.32	\$20,841.32	\$0.00
Total	\$148,746.32	\$148,746.32	\$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?
Tech and Admin	Administration/Coordination	Current State Grant	2021 - SWCD Local Capacity Services (Rock SWCD)	\$5,000.00	\$5,000.00	\$0.00	N
Conservation Practices	Agricultural Practices	Current State Grant	2021 - SWCD Local Capacity Services (Rock SWCD)	\$26,981.02	\$26,981.02	\$0.00	N
FY21-LC-4 Sells Farms,	Agricultural Practices	Current State Grant	2021 - SWCD Local Capacity Services	\$923.98	\$923.98	\$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>
LTD			(Rock SWCD)				
FY21-LC-4 Sells Farms, LTD	Agricultural Practices	Other Funds	2022 - SWCD Local Capacity Services (Rock SWCD)	\$10,420.66	\$10,420.66	\$0.00	N
Soil Erosion Technician	Technical/Engineering Assistance	Current State Grant	2021 - SWCD Local Capacity Services (Rock SWCD)	\$95,000.00	\$95,000.00	\$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)	8.7	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	7.7	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	22.99	Tons/Yr
Water Pollution (Reduction Estimates)	Total Suspended Solids (TSS)	1	Mg/L
Water Pollution (Reduction Estimates)	Nitrogen	25.39	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	0.79	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	3.13	Tons/Yr

Grant Activities

Activity Name: Conservation Practice - FY21-LC-2 Mike Sandager	
Activity Category: Agricultural Practices	Staff time?: No
Description: Four water and sediment control basins.	

Activity Name: Conservation Practice - FY21-LC-3 Tom Remme	
Activity Category: Agricultural Practices	Staff time?: No
Description: Repair of one farmable basin.	
Actual Results	
<p>11/21/22 - Paid Remme WASCB repair project. Repairs to WASCBs that were constructed in 2019. Repairs were made to the channel on basin T1A and to the intakes on basins T2A and T3A in order for the water to drain properly. Prior to this fix drainage was not working properly and water was standing in the intakes. Located in Vienna Township, NW 1/4 of Section 16.</p> <p>Amount: \$2,238.45</p>	

Activity Name: Conservation Practices						
Activity Category: Agricultural Practices					Staff time?: No	
Description: Staff will work with landowners requesting assistance with conservation projects. Assistance includes site assessment, survey and design, construction inspection and project check out.						
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 - SWCD Local Capacity Services (Rock SWCD)	\$26,981.02	\$26,981.02	\$0.00	11/21/2022	N

Actual Results

12/31/20 - no funds have been spent.

12/2/2021 - paid Sandager WASCB project located in Beaver Creek Township, SE /14 of Section 14.

Amount: \$24,742.57

11/21/22 - Paid Remme WASCB

repair project. Repairs to WASCBs that were constructed in 2019. Repairs were made to the channel on basin T1A to the intakes on basins T2A and T3A in order for the water to drain properly. Prior to this fix drainage was not working properly water was standing in the intakes. Located in Vienna Township, NW 1/4 of Section 16.

Amount: \$2,238.45

11/20/2023 - Paid Sells waterway project located in Beaver Creek Township, Section 16, SE 1/4. Amount: \$923.98 Linked with FY22 funds so paid in separate activity.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Total Suspended Solids (TSS)	1	Mg/L
Soil (Est. Savings)	22.99	Tons/Yr
Phosphorus (Est. Reduction)	8.7	Lbs/Yr
Sediment (Tss)	7.7	Tons/Yr

Activity Action Name:	FY21-LC-2 Mike Sandager	Activity Count: 4
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 1510 - Cfu
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Installation of 4 farmable basins according to NRCS standards and practices.	Install Date: 12/02/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	7.7	Bwsr Calc (Gully Stabilization)	Beaver Creek
Soil (Est. Savings)	Tons/Yr	21.99	Bwsr Calc (Gully Stabilization)	Beaver Creek
Phosphorus (Est. Reduction)	Lbs/Yr	7.7	Bwsr Calc (Gully Stabilization)	Beaver Creek

Activity Action Name:	FY21-LC-3 Tom Remme	Activity Count: 3
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 3 - Cfu
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	11/21/22 - Paid Remme WASCB repair project. Repairs to WASCBs that were constructed in 2019. Repairs were made to the channel on basin T1A and to the intakes on basins T2A and T3A in order for the water to drain properly. Prior to this fix drainage was not working properly and water was standing in the intakes. Located in Vienna Township, NW 1/4 of Section 16. Amount: \$2,238.45	Install Date: 11/21/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	1	Other	Rock River
Total Suspended Solids (TSS)	Mg/L	1	Other	Rock River
Phosphorus (Est. Reduction)	Lbs/Yr	1	Other	Rock River

Activity Name: FY21-LC-4 Sells Farms, LTD

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>
Current State Grant	2021 - SWCD Local Capacity Services (Rock SWCD)	\$923.98	\$923.98	\$0.00	11/20/0023	N
Current State Grant	2022 - SWCD Local Capacity Services (Rock SWCD)	\$10,420.66	\$10,420.66	\$0.00	11/20/2023	N

Actual Results

Installation of one grassed waterway according to NRCS standards and practices.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Nitrogen	25.39	Lbs/Yr
Sediment (Tss)	3.13	Tons/Yr
Phosphorus (Est. Reduction)	0.79	Lbs/Yr

Activity Action Name: FY21-LC-4 Sells Farms, LTD

Practice Type: 412 - Grassed Waterway and Swales

TA Provider/JAA: NRCS

Practice Description: One grassed waterway.

Activity Count: 0

Size/Units: 1.7 - Acres

Lifespan: 10 Years

Install Date: 11/20/2023

Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	3.13	PTMApp - Catchment	Trib to Beaver Creek
Phosphorus (Est. Reduction)	Lbs/Yr	0.79	PTMApp - Catchment	Trib to Beaver Creek
Nitrogen	Lbs/Yr	25.39	PTMApp - Catchment	Trib to Beaver Creek

Activity Name: Soil Erosion Technician

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description:

Funds will be used for staff hired in 2016 and in 2019 and shall work with landowners to implement conservation practices in the interest of reducing/mitigating/controlling soil erosion on lands within Rock County. Through this grant, the Rock LMO/SWCD will provide/obtain training for this staff to possess/obtain certifications deemed appropriate for providing the services necessary to the landowners within Rock County. This grant will also assist in obtaining the training and certifications necessary to further develop existing staff allowing the Rock LMO/SWCD to provide a higher degree of professional conservation oriented services and expertise to the landowners of Rock County. Training will be provided on NRCS Toolkit, GPS Total Station Survey Equipment, and other resources. Staff will shadow NRCS Field Staff, Jay Murphy (Central Consultant and former NRCS Technician), Dawn Madison (Southwest Prairie TSA Consultant and former NRCS Technician), and Southwest Prairie TSA staff and engineer.

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 - SWCD Local Capacity Services (Rock SWCD)	\$95,000.00	\$95,000.00	\$0.00	12/31/2023	N

Actual Results

12/31/20 - no funds have been spent

12/31/21 - no funds have been spent

12/31/2022

Technicians have continued additional training on NRCS Toolkit, GPS Total Station Survey Equipment, have field shadowed NRCS Field Staff and Jay Murphy (Control Consultant, Former Rock County NRCS Technician) and have done survey and design review with TSA Engineer. Technicians have been working with landowners to implement conservation practices through initial contact, site assessment & evaluation, survey and design according to NRCS standards, review of project proposal and estimate with landowners and overseeing implementation of the project. One technician has attained TA, second technician is working toward TA.

Engineer Technician

$41.84 \times 665 = \$27,823.60$

Staff continued in the same capacity as 2022:

Engineer Technician - $426 \times 46.62 = 19,860.12$

Engineer Technician - $1005.75 \times 47.06 = 47,330.60$

Total: 95,014.32

Activity Name: Tech and Admin

Activity Category: Administration/Coordination

Staff time?: Yes

Description: Funds will be spent by the SWCD staff to complete the administration of this grant. The administration includes, but is not limited to, completing the required E-link reporting, supervision of new staff hired in 2016 and 2019. Other tasks include coordination of the activities associated with this grant, such as the purchase of equipment and supplies for such staff, providing administrative and clerical support for staff, providing/obtaining IT support, executing contracts, review of invoices, execution of payment vouchers, coordination of board signatures for approval on conservation projects and updating the SWCD Board and County Board of Commissioners on the progress of grant activities.

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 - SWCD Local Capacity Services (Rock SWCD)	\$5,000.00	\$5,000.00	\$0.00	12/31/2023	N
Actual Results						
12/31/20 - no funds have been spent						
12/31/21 - no funds have been spent						
12/31/22 - Staff completed ELINK reporting and updated the SWCD and County Boards on the progress of the grant activity. SWCD staff has supervised and coordinated ongoing training for staff hired in 2019 and for staff hired in 2022.						
Assistant Director						
64.95 x 19 = \$1,234.05						
Office Manager						
32.14 x 5.75 = \$184.81						
Total : \$1,418.86						
12/31/23: Staff completed ELINK reporting, coordinated project contract, payment and SWCD board approval. SWCD Staff supervised ongoing training and projects for staff hired in 2019 and 2022.						
Assistant Director:						
27.25 x 68.30 = 1,861.18						
Office Manager:						
14.5 x 35.37 = 512.87						
Director:						
15 x 80.59 = 1,208.85						
Total: 3,582.90						