



## Grant All-Detail Report SWCD Local Capacity Services 2020

**Grant Title** - 2020 - SWCD Local Capacity Services (Jackson SWCD)

**Grant ID** - P20-7483

**Organization** - Jackson SWCD

Original Awarded Amount	<b>\$112,514.00</b>	Grant Execution Date	<b>2/7/2020</b>
Required Match Amount	\$0.00	Original Grant End Date	12/31/2022
Required Match %	0%	Grant Day To Day Contact	Andy Geiger
Current Awarded Amount	\$112,514.00	Current End Date	12/31/2022

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$112,514.00	\$112,514.00	\$0.00
Total Match Amount	\$10,534.06	\$10,534.06	\$0.00
Total Other Funds	\$36,320.17	\$36,320.17	\$0.00
<b>Total</b>	<b>\$159,368.23</b>	<b>\$159,368.23</b>	<b>\$0.00</b>

\*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	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2020-03 Grassed Waterway	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Jackson SWCD)	\$12,915.00	\$12,915.00	10/24/2022	N
2020-03 Grassed Waterway	Agricultural Practices	Other Funds	2020 - State Cost-Share Fund (Jackson SWCD)	\$5,567.00	\$5,567.00	10/24/2022	N
2020-03 Grassed Waterway	Agricultural Practices	Other Funds	Federal Funds	\$8,383.60	\$8,383.60	10/24/2022	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2020-03 Grassed Waterway	Agricultural Practices	Other Funds	Local fund	\$1,365.00	\$1,365.00	10/24/2022	N
C2020-04 Grassed Waterway	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Jackson SWCD)	\$17,335.78	\$17,335.78	12/15/2022	N
C2020-04 Grassed Waterway	Agricultural Practices	Landowner Fund	Landowner Fund	\$10,534.06	\$10,534.06	12/31/2022	Y
C2020-04 Grassed Waterway	Agricultural Practices	Other Funds	2020 - State Cost-Share Fund (Jackson SWCD)	\$2,333.00	\$2,333.00	12/31/2022	N
C2020-04 Grassed Waterway	Agricultural Practices	Other Funds	2021 - State Cost-Share Fund (Jackson SWCD)	\$1,853.20	\$1,853.20	12/31/2022	N
C2020-04 Grassed Waterway	Agricultural Practices	Other Funds	2022 - State Cost-Share Fund (Jackson SWCD)	\$10,080.21	\$10,080.21	12/31/2022	N
Soil Erosion - 2020 Cost Share Assistance	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Jackson SWCD)	\$8,713.88	\$8,713.88	10/24/2022	N
Soil Erosion - 2020 Equipment/Technology	Supplies/Equipment	Current State Grant	2020 - SWCD Local Capacity Services (Jackson SWCD)	\$12,514.00	\$12,514.00	8/2/2022	N
Soil Erosion - 2020 Technician	Technical/Engineering Assistance	Current State Grant	2020 - SWCD Local Capacity Services (Jackson SWCD)	\$60,000.00	\$60,000.00	8/15/2022	N
Voss Grassed Waterway 2020-02	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Jackson SWCD)	\$1,035.34	\$1,035.34	2/22/2022	N
Voss Grassed Waterway 2020-02	Agricultural Practices	Other Funds	2020 - State Cost-Share Fund (Jackson SWCD)	\$3,869.00	\$3,869.00	2/22/2022	N
Voss Grassed Waterway 2020-02	Agricultural Practices	Other Funds	Federal Funds	\$2,869.16	\$2,869.16	2/22/2022	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	1	1	583 LINEAR FEET	583 LINEAR FEET
412 - Grassed Waterway and Swales	1	1	1000 LINEAR FEET	1000 LINEAR FEET
412 - Grassed Waterway and Swales	1	1	2386 LINEAR FEET	2386 LINEAR FEET

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	1	1	1457 LINEAR FEET	1457 LINEAR FEET
412 - Grassed Waterway and Swales	1	1	800 LINEAR FEET	800 LINEAR FEET
638 - Water and Sediment Control Basin	5	5	5 COUNT	5 COUNT

### Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
---------------	----------------	---------------	-----------	------------------	----------

### Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	36.89	TONS/YR
SOIL (EST. SAVINGS)	167.62	TONS/YR
PHOSPHORUS (EST. REDUCTION)	40.05	LBS/YR

### Grant Activity

Grant Activity - 2020-03 Grassed Waterway			
Description	Grassed waterway installed in Petersburg 8.		
Category	AGRICULTURAL PRACTICES		
Start Date	19-Jul-21	End Date	24-Oct-22
Has Rates and Hours?	No		
Actual Results	\$5,280 Partial payment 2020-03. ck #9358 \$287 Final payment 2020-03. ck #9467 Grassed waterway installed in Petersburg Township Sec 8. \$8,383.60 other (federal funds) \$1,365.00 local fund - project development.		

Activity Action - 2020-03 Grassed Waterway			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed waterway installed in Petersburg Township Sec 8.		
Proposed Size / Units	2,386.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	2,386.00 LINEAR FEET	Installed Date	21-Nov-22
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for 2020-03 Grassed Waterway			
Indicator Name	SEDIMENT (TSS)	Value	8.35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	West Fork Des Moines River		

Final Indicator for 2020-03 Grassed Waterway			
Indicator Name	SOIL (EST. SAVINGS)	Value	41.74
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	West Fork Des Moines River		

Final Indicator for 2020-03 Grassed Waterway			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9.60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	West Fork Des Moines River		

Grant Activity - C2020-04 Grassed Waterway			
Description	Grassed waterway installed in Petersburg Township Sec 16.		
Category	AGRICULTURAL PRACTICES		
Start Date	15-Aug-22	End Date	31-Dec-22
Has Rates and Hours?	No		
Actual Results	\$17,3335.78 C2020-04 waterway/wascob payment. Petersburg Township Sec 16. 2022-44  \$2,333.00 FY2020 State Cost Share  \$1,853.20 C2020-04 FY 2021 State Cost Share  \$10,080.21 C2020-04 Grassed WW & WSCB 2022-44  \$10,534.06 Landowner Share C2020-04.		

Activity Action - C2020-04 Waterway			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed Waterway		
Proposed Size / Units	1,457.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,457.00 LINEAR FEET	Installed Date	6-Dec-22
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	TSA

Final Indicator for C2020-04 Waterway			
Indicator Name	SOIL (EST. SAVINGS)	Value	43.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 11		

Final Indicator for C2020-04 Waterway			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8.80
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 11		

Final Indicator for C2020-04 Waterway			
Indicator Name	SEDIMENT (TSS)	Value	7.66

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	JD 11		

Activity Action - C2020-04 WSCB			
Practice	638 - Water and Sediment Control Basin	Count of Activities	5
Description	Water and Sediment Control Basin		
Proposed Size / Units	5.00 COUNT	Lifespan	10 Years
Actual Size/Units	5.00 COUNT	Installed Date	6-Dec-22
Mapped Activities	5 Point(s)	Technical Assistance Provider	TSA

Grant Activity - Soil Erosion - 2020 Cost Share Assistance			
Description	Soil Erosion - 2020 Cost Share Assistance Jackson County Comprehensive Water Management Plan Funds will be used to cost share the installation of practices consistent with the BWSR state cost share policy and the NRCS FOTG. Practices may include all NRCS eligible practices needed as determined by a certified technician or TSA engineer.		
Category	AGRICULTURAL PRACTICES		
Start Date	7-Feb-20	End Date	31-Dec-22
Has Rates and Hours?	No		
Actual Results	\$4,459.13 Local capacity cost share - grassed waterway - C2020-01. 2022-25 \$1,612.50 Local capacity cost share C2020-03 - grassed waterway. Partial payment. ck#9358 \$2642.25 Final payment - Local capacity cost share - grassed waterway - C2020-03 ck #9467 plus \$150 local fund - project development and \$3,933.54 other fund - federal.		

Activity Action - C2020-01 Grassed Waterway			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed waterway installed in Weimer Township Sec 8.		
Proposed Size / Units	583.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	583.00 LINEAR FEET	Installed Date	10-Aug-22
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for C2020-01 Grassed Waterway			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5.92
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Duck Lake		
Final Indicator for C2020-01 Grassed Waterway			
Indicator Name	SOIL (EST. SAVINGS)	Value	14.70
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Duck Lake		
Final Indicator for C2020-01 Grassed Waterway			
Indicator Name	SEDIMENT (TSS)	Value	5.15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Duck Lake		

Activity Action - C2020-03 Grassed Waterway			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed waterway installed in Petersburg Township Sec 17.		
Proposed Size / Units	800.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	800.00 LINEAR FEET	Installed Date	21-Nov-22
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for C2020-03 Grassed Waterway			
Indicator Name	SOIL (EST. SAVINGS)	Value	14.30
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	West Fork Des Moines River		
Final Indicator for C2020-03 Grassed Waterway			
Indicator Name	SEDIMENT (TSS)	Value	0.96

<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	West Fork Des Moines River		
<b>Final Indicator for C2020-03 Grassed Waterway</b>			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	0.96
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	West Fork Des Moines River		

<b>Grant Activity - Soil Erosion - 2020 Equipment/Technology</b>			
<b>Description</b>	Soil Erosion - 2020 Equipment/Technology The SWCD will continue to upgrade field/office equipment to provide survey/design/establishment services to Jackson County landowners.		
<b>Category</b>	SUPPLIES/EQUIPMENT		
<b>Start Date</b>	7-Dec-21	<b>End Date</b>	02-Aug-22
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	\$10,000 12/7/2021 Purchase of Trimble R12i with FY19 Buffer, FY20 Buffer, FY21 Local Capacity funds. 2021-38 \$2,514 8/2/2022 Purchase of Can Am Defender. ck #9437 with FY20 Buffer, FY21 Local Capacity funds. 2022-23 serial #3BUVAX40NK006868		



**Grant Activity - Soil Erosion - 2020 Technician**

<b>Description</b>	Soil Erosion - 2020 Technician Jackson County Comprehensive Local Water Management Plan Funds will be used to maintain the qualified individual or person that is currently being trained with appropriate technical certifications to work with landowners to implement conservation practices on property within Jackson County. The current District Technician was hired in 2018 and continues to be critical to the SWCD's additional program workload. The SWCD will maintain the position in 2020 fulltime with a billable rate of \$27.51 for 2,181 hours.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	7-Feb-20	<b>End Date</b>	15-Aug-22
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	\$3,978.56 2021 2nd Qtr Technician - 120.34 hours 2021-18 \$18,132.36 2021 3rd Qtr Technician - 560 hours 2021-32 \$17,572.36 2021 4th Qtr Technician - 560 hours - 2021-44 \$16,766.72 2022 1st Qtr Technician - 480 hours - 2022-13 \$3, 550 2022 2nd Qtr Technician - 100.8 hours - 2022-27 plus FY21 Local Capacity funds.		

**Grant Activity - Voss Grassed Waterway 2020-02**

<b>Description</b>	Grassed waterway to be installed in Sioux Valley Township Sec 24.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	19-Jul-21	<b>End Date</b>	22-Feb-22
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	1000' grassed waterway installed in Sioux Valley Township Sec 24. 2022-06		

Activity Action - Voss Grassed Waterway 2020-02			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed waterway installed in Sioux Valley Township Sec 24.		
Proposed Size / Units	1,000.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,000.00 LINEAR FEET	Installed Date	22-Feb-22
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Voss Grassed Waterway 2020-02			
Indicator Name	SEDIMENT (TSS)	Value	14.77
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	unnamed tributary of the Little Sioux River		

Final Indicator for Voss Grassed Waterway 2020-02			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	14.77
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	unnamed tributary of the Little Sioux River		

Final Indicator for Voss Grassed Waterway 2020-02			
Indicator Name	SOIL (EST. SAVINGS)	Value	53.13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	unnamed tributary of the Little Sioux River		

## Grant Attachments

Document Name	Document Type	Description
<b>2020 Buffer Law amendment EXECUTED</b>	Grant Agreement Amendment	
<b>2020 SWCD Local Capacity and Buffer Law Implementation</b>	Grant Agreement	2020 SWCD Local Capacity and Buffer Law Implementation - Jackson SWCD
<b>2020 SWCD Local Capacity and Buffer Law Implementation EXECUTED</b>	Grant Agreement	2020 SWCD Local Capacity and Buffer Law Implementation - Jackson SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/12/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/11/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/13/2022
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/11/2023

Document Name	Document Type	Description
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/10/2023
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/14/2022
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/11/2023
<b>Financial Report</b>	Grant	2020 - SWCD Local Capacity Services (Jackson SWCD)
<b>Jackson FY20 Buffer Law Grant Agreement Amendment for Work Plan</b>	Grant Agreement Amendment	
<b>Purchase Can Am Defender</b>	Grant	2020 - SWCD Local Capacity Services (Jackson SWCD)
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 03/18/2022
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 11/02/2022
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 09/16/2019