



## Grant All-Detail Report SWCD Local Capacity Services 2019

**Grant Title** - 2019 - SWCD Local Capacity Services (Martin SWCD)

**Grant ID** - P19-2376

**Organization** - Martin SWCD

Original Awarded Amount	<b>\$100,000.00</b>	Grant Execution Date	<b>12/31/2018</b>
Required Match Amount	\$0.00	Original Grant End Date	12/31/2021
Required Match %	0%	Grant Day To Day Contact	Ashley Brenke
Current Awarded Amount	\$109,000.00	Current End Date	12/31/2021

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$109,000.00	\$109,000.00	\$0.00
Total Match Amount	\$9,000.00	\$9,000.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$118,000.00</b>	<b>\$118,000.00</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
Administration - Riparian Zone Management	Administration /Coordination	Current State Grant	2019 - SWCD Local Capacity Services (Martin SWCD)	\$7,000.00	\$6,758.29	12/31/2021	N
Cost Share - Soil Erosion	Non-Structural Management Practices	Current State Grant	2019 - SWCD Local Capacity Services (Martin SWCD)	\$43,000.00	\$39,900.00	12/13/2019	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Cost Share - Soil Erosion	Non-Structural Management Practices	Local Fund	County Match	\$9,000.00	\$9,000.00	12/13/2019	Y
Electronics - Riparian Zone Management	Supplies/Equipment	Current State Grant	2019 - SWCD Local Capacity Services (Martin SWCD)	\$5,000.00	\$8,620.31	10/22/2021	N
Office Remodel - Soil Erosion	Administration /Coordination	Current State Grant	2019 - SWCD Local Capacity Services (Martin SWCD)	\$15,000.00	\$14,812.65	11/1/2019	N
Outreach Coordinator - Soil Erosion	Education/Information	Current State Grant	2019 - SWCD Local Capacity Services (Martin SWCD)	\$13,000.00	\$15,682.61	12/31/2021	N
Outreach Coordinator - Water Storage and Treatment	Project Development	Current State Grant	2019 - SWCD Local Capacity Services (Martin SWCD)	\$13,000.00	\$14,365.05	12/31/2021	N
Technical Assistance - Soil Erosion	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Martin SWCD)	\$13,000.00	\$8,861.09	12/31/2021	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
329B - Conservation Tillage	2	2	80 AC	80 AC
340 - Cover Crop	3	4	80 AC	80 AC

### Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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### Final Indicators Summary

Indicator Name	Total Value	Unit
<b>SEDIMENT (TSS)</b>	39.99	TONS/YR

<b>PHOSPHORUS (EST. REDUCTION)</b>	95.36	LBS/YR
<b>SOIL (EST. SAVINGS)</b>	414.80	TONS/YR

## Grant Activity

Grant Activity - Administration - Riparian Zone Management			
<b>Description</b>	<p>Funds will be spent by SWCD staff to complete the administration of the grant. Administration includes, but is not limited to, completing the required eLINK reporting, supervision of staff hired with this grant, time tracking, and updating the SWCD Board on the progress of grant activities.</p> <p>2017-2026 Martin County Comprehensive Local Water Management Plan</p>		
<b>Category</b>	ADMINISTRATION/COORDINATION		
<b>Start Date</b>	15-Jan-19	<b>End Date</b>	31-Dec-21
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	<p>2019: The District Manager has spent time administering the grant and doing contract work.</p> <p>District Manager, 18 hrs @ \$53.43/hr</p> <p>2020: Ashley continues to administer the grant, including reporting and time tracking.</p> <p>District Manager, 18 hrs @ \$55.03/hr</p> <p>2021: Ashley administered the grant, including reporting and time tracking. She also kept the Board up-to-date on grant and staff activities under this funding source.</p> <p>District Manager, 80 hrs @ \$60.64/hr</p>		

**Grant Activity - Cost Share - Soil Erosion**

<b>Description</b>	Funds will be spent to cost share cover crop plantings in priority watersheds at targeted locations. Payment rates will be the same as EQIP rates. The cover crop contracts will follow the District's Nonstructural Land Management Practices policy.		
	2017-2026 Martin County Comprehensive Local Water Management Plan		
<b>Category</b>	NON-STRUCTURAL MANAGEMENT PRACTICES		
<b>Start Date</b>	15-Jan-19	<b>End Date</b>	30-Nov-21
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	2019: Three cover crop contracts were started and year 1 of 3 was seeded. The Butler Farms contract was a multi species cover crop on the same field paid at a flat rate of \$61.25/acre. The North Star Country Farms contract was a multi species cover crop on the same field paid at a flat rate of \$61.25/acre. The Luke Olson contract was a multi species cover crop on the same field paid at a flat rate of \$61.25/acre. The Butler Farms and Cowing Conservation Tillage contracts are each on 80 acres at \$10/acre for 3 years.		

Activity Action - Cowing Tillage Management			
<b>Practice</b>	329B - Conservation Tillage	<b>Count of Activities</b>	1
<b>Description</b>	No till		
<b>Proposed Size / Units</b>	80.00 AC	<b>Lifespan</b>	3 Years
<b>Actual Size/Units</b>	80.00 AC	<b>Installed Date</b>	13-Nov-19
<b>Mapped Activities</b>	1 Polygon(s)	<b>Technical Assistance Provider</b>	

Final Indicator for Cowing Tillage Management			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	14.83
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (SHEET AND RILL)
<b>Waterbody</b>	Elm Creek		

Final Indicator for Cowing Tillage Management			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	95.20
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	RUSLE2 (UPDATED)
<b>Waterbody</b>	Elm Creek		

Final Indicator for Cowing Tillage Management			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	32.21
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (SHEET AND RILL)
<b>Waterbody</b>	Elm Creek		

Activity Action - Butler Cover Crop			
Practice	340 - Cover Crop	Count of Activities	1
Description	Multi species cover crop		
Proposed Size / Units	80.00 AC	Lifespan	3 Years
Actual Size/Units	80.00 AC	Installed Date	26-Jun-19
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	

Final Indicator for Butler Cover Crop

Indicator Name	SOIL (EST. SAVINGS)	Value	12.80
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	Elm Creek		

Final Indicator for Butler Cover Crop

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Elm Creek		

Final Indicator for Butler Cover Crop

Indicator Name	SEDIMENT (TSS)	Value	1.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Elm Creek		

Activity Action - Butler Tillage Management			
Practice	329B - Conservation Tillage	Count of Activities	1
Description	Conservation tillage		
Proposed Size / Units	80.00 AC	Lifespan	3 Years
Actual Size/Units	80.00 AC	Installed Date	13-Nov-19
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	

Final Indicator for Butler Tillage Management

Indicator Name	SEDIMENT (TSS)	Value	2.92
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Elm Creek		

Final Indicator for Butler Tillage Management

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9.39
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)

<b>Waterbody</b>	Elm Creek		
<b>Final Indicator for Butler Tillage Management</b>			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	34.8
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (SHEET AND RILL)
<b>Waterbody</b>	Elm Creek		

<b>Activity Action - Olson Cover Crop</b>			
<b>Practice</b>	340 - Cover Crop	<b>Count of Activities</b>	1
<b>Description</b>	Multi species cover crop		
<b>Proposed Size / Units</b>	80.00 AC	<b>Lifespan</b>	3 Years
<b>Actual Size/Units</b>	80.00 AC	<b>Installed Date</b>	30-Oct-19
<b>Mapped Activities</b>	2 Polygon(s)	<b>Technical Assistance Provider</b>	

<b>Final Indicator for Olson Cover Crop</b>			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	136
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	RUSLE2 (UPDATED)
<b>Waterbody</b>	Elm Creek		

<b>Final Indicator for Olson Cover Crop</b>			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	20.37
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (SHEET AND RILL)
<b>Waterbody</b>	Elm Creek		

<b>Final Indicator for Olson Cover Crop</b>			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	8.01
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (SHEET AND RILL)
<b>Waterbody</b>	Elm Creek		

<b>Activity Action - North Star Country Farms</b>			
<b>Practice</b>	340 - Cover Crop	<b>Count of Activities</b>	1
<b>Description</b>	Cover Crop		
<b>Proposed Size / Units</b>	80.00 AC	<b>Lifespan</b>	3 Years
<b>Actual Size/Units</b>	80.00 AC	<b>Installed Date</b>	26-Aug-19
<b>Mapped Activities</b>	1 Polygon(s)	<b>Technical Assistance Provider</b>	

<b>Final Indicator for North Star Country Farms</b>			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	136

<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	RUSLE2 (UPDATED)
<b>Waterbody</b>	Elm Creek		
Final Indicator for North Star Country Farms			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	13.16
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (SHEET AND RILL)
<b>Waterbody</b>	Elm Creek		
Final Indicator for North Star Country Farms			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	30.29
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (SHEET AND RILL)
<b>Waterbody</b>	Elm Creek		

Grant Activity - Electronics - Riparian Zone Management			
<b>Description</b>	These funds will be used to purchase upgraded electronics for the office, including a new printer and a new laptop.  2017-2026 Martin County Comprehensive Local Water Management Plan		
<b>Category</b>	SUPPLIES/EQUIPMENT		
<b>Start Date</b>	1-Apr-19	<b>End Date</b>	22-Oct-21
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<p>2019: Funds were used to purchase a new printer/copier and a stand-up desk for the Outreach Coordinator.</p> <p>2020: Martin SWCD purchased three new computers and associated software.  Expenses: \$2,086.79</p> <p>2021: One new computer and associated software were purchased. County funds covered a portion of the item cost.  Expenses: \$800, computer; \$1,200 software</p>		

**Grant Activity - Office Remodel - Soil Erosion**

<b>Description</b>	Due to the additional staff hired under Capacity funding, additional space is needed for staff to work. This activity item covers part of the cost of additional office space to accommodate the increased staff.  Local funds will also be used to help cover part of the increased rent costs.  2017-2026 Martin County Comprehensive Local Water Management Plan		
<b>Category</b>	ADMINISTRATION/COORDINATION		
<b>Start Date</b>	15-Jan-19	<b>End Date</b>	31-Dec-19
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	2019: Fund were used to cover a portion of the District's 2019 office rent. The additional space is needed to accommodate increased staff numbers. This portion of rent is not included in the District's billable rates.		



**Grant Activity - Outreach Coordinator - Soil Erosion**

<p><b>Description</b></p>	<p>This activity will increase the awareness of conservation practices that reduce soil erosion. Two of the main practices that will be promoted are cover crops and conservation tillage. Cover crops, and other practices that reduce soil erosion, are identified as key items in the Martin County Water Plan.</p> <p>11% of this person's staff time will be paid from this activity. Non-state funds will also be used to pay for a portion of his salary.</p> <p>2017-2026 Martin County Comprehensive Local Water Management Plan</p>		
<p><b>Category</b></p>	<p>EDUCATION/INFORMATION</p>		
<p><b>Start Date</b></p>	<p>1-Dec-20</p>	<p><b>End Date</b></p>	<p>31-Dec-21</p>
<p><b>Has Rates and Hours?</b></p>	<p>Yes</p>		
<p><b>Actual Results</b></p>	<p>2020: Jesse has provided information via social media and one-on-one conversations to Martin County residents about the benefits of cover crops and other soil health practices.</p> <p>Outreach Coordinator, 26 hrs @ \$43.81/hr</p> <p>2021: The Outreach Coordinator wrote articles and created educational materials about cover crops and no-till/strip-till. He also spoke about these conservation practices at meetings and spent time organizing soil health meetings.</p> <p>Outreach Coordinator, 285 hrs @ \$51.03/hr</p>		

## Grant Activity - Outreach Coordinator - Water Storage and Treatment

<b>Description</b>	<p>The Outreach Coordinator hired with these funds will promote the importance of water storage, leading to more wetland restorations and similar practices in the County. He will also work with the County drainage administration.</p> <p>11% of this person's staff time will be paid from this activity. Non-state funds will also be used to pay for a portion of his salary.</p> <p>2017-2026 Martin County Comprehensive Local Water Management Plan</p>		
<b>Category</b>	PROJECT DEVELOPMENT		
<b>Start Date</b>	1-Jan-21	<b>End Date</b>	31-Dec-21
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	<p>2021: Jesse attended multiple ditch hearings and provided information about water storage funding.</p> <p>Outreach Coordinator, 279 hrs @ \$51.03/hr</p>		

## Grant Activity - Technical Assistance - Soil Erosion

<b>Description</b>	Funds will be spent by SWCD staff to provide technical assistance to landowners interested in installing cover crops.		
	2017-2026 Martin County Comprehensive Local Water Management Plan		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	15-Jan-19	<b>End Date</b>	31-Dec-21
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	<p>2019: Greg Johanson, Farm Bill Technician, has JAA in Cover Crops and conservation tillage. He has been using this knowledge as well as his on-farm experience to discuss cover crops and no-till/strip-till with local producers.</p> <p>Farm Bill Technician, 49 hrs @ \$57.95/hr</p> <p>2020: No expenses.</p> <p>2021: Jesse earned JAA for cover crops and tillage management. He provided assistance to landowners in the last year of their contracts and did spot checks.</p> <p>Outreach Coordinator, 118 hrs @ \$51.03/hr</p>		

## Grant Attachments

Document Name	Document Type	Description
<b>2019 Capacity Final Financial Report</b>	Grant	2019 - SWCD Local Capacity Services (Martin SWCD)
<b>2019 SWCD Local Capacity Amendment</b>	Grant Agreement Amendment	
<b>2019 SWCD Local Capacity and Buffer Law Implementation</b>	Grant Agreement	2019 SWCD Local Capacity and Buffer Law Implementation - Martin SWCD
<b>2019 SWCD Local Capacity and Buffer Law Implementation EXECUTED</b>	Grant Agreement	2019 SWCD Local Capacity and Buffer Law Implementation - Martin SWCD

Document Name	Document Type	Description
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/01/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/21/2022
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/26/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/03/2020
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/11/2020
<b>Match Documentation</b>	Grant	2019 - SWCD Local Capacity Services (Martin SWCD)
<b>Unexecuted Grant Amendment</b>	Grant Agreement Amendment	
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 02/14/2019
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 02/13/2019
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 12/31/2018
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 03/18/2019
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 08/21/2018
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 12/06/2018