



## Grant All-Detail Report SWCD Local Capacity Services 2018

**Grant Title** - 2018 - SWCD Local Capacity Services (Martin SWCD)

**Grant ID** - P18-5275

**Organization** - Martin SWCD

<b>Original Awarded Amount</b>	<b>\$106,000.00</b>	<b>Grant Execution Date</b>	<b>10/9/2017</b>
<b>Required Match Amount</b>	\$0.00	<b>Original Grant End Date</b>	12/31/2020
<b>Required Match %</b>	0%	<b>Grant Day To Day Contact</b>	Ashley Brenke
<b>Current Awarded Amount</b>	\$106,000.00	<b>Current End Date</b>	12/31/2020

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$106,000.00	\$63,661.02	\$42,338.98
Total Match Amount	\$6,000.00	\$6,000.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$112,000.00</b>	<b>\$69,661.02</b>	<b>\$42,338.98</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	2018 - SWCD Local Capacity Services (Martin SWCD)	\$5,000.00	\$374.01	12/31/2019	N
Cost Share - Soil Erosion	Agricultural Practices	Current State Grant	2018 - SWCD Local Capacity Services (Martin SWCD)	\$42,000.00	\$49,074.00	1/25/2019	N
Cost Share - Soil Erosion	Agricultural Practices	Local Fund	County Match	\$6,000.00	\$6,000.00	11/13/2018	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Cost Share - Soil Erosion - TA	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Martin SWCD)	\$9,000.00	\$2,783.55	12/31/2018	N
Outreach Coordinator - Excess Nutrients	Project Development	Current State Grant	2018 - SWCD Local Capacity Services (Martin SWCD)	\$10,000.00	\$3,063.08	12/31/2019	N
Outreach Coordinator - Riparian Zone Management	Project Development	Current State Grant	2018 - SWCD Local Capacity Services (Martin SWCD)	\$20,000.00	\$3,356.80	12/31/2019	N
Outreach Coordinator - Soil Erosion	Project Development	Current State Grant	2018 - SWCD Local Capacity Services (Martin SWCD)	\$10,000.00	\$3,163.34	12/31/2019	N
Outreach Coordinator - Water Storage and Treatment	Project Development	Current State Grant	2018 - SWCD Local Capacity Services (Martin SWCD)	\$10,000.00	\$1,846.24	12/31/2019	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
340 - Cover Crop	1	1	75 AC	75 AC
340 - Cover Crop	1	1	50 AC	50 AC
340 - Cover Crop	1	1	80 AC	80 AC
340 - Cover Crop	1	1	76 AC	76 AC
340 - Cover Crop	1	1	71 AC	71 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
SEDIMENT (TSS)	29.53	TONS/YR

<b>SOIL (EST. SAVINGS)</b>	154.92	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	60.60	LBS/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>Martin County Comprehensive Local Water Management Plan</p>	
<b>Category</b>	ADMINISTRATION/COORDINATION	
<b>Start Date</b>	1-Jan-19	<b>End Date</b>
<b>Has Rates and Hours?</b>	Yes	
<b>Actual Results</b>	<p>2019: The District Manager completed grant reporting and time tracking for these funds.</p> <p>District Manager - 7 hours @ \$53.43/hr</p>	

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

<b>Description</b>	Funds will be spent to cost share cover crop plantings and no-till/strip-till in priority watersheds at targeted locations. Payment rates will be the same as EQIP rates. The cost share contracts will follow the District's Nonstructural Land Management Practices policy.		
	Martin County Comprehensive Local Water Management Plan		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	1-May-18	<b>End Date</b>	25-Jan-19
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<p>2018: Five cover crop contracts were started and year 1 of 3 was seeded. The Ryan Hagedorn contract was a multi species cover crop paid at a flat rate of \$48/acre. The Harvey Hagedorn contract was a multi species cover crop paid at a flat rate of \$48/acre. The John Ufer contract was a multi species cover crop on the same field paid at a flat rate of \$60/acre. The Ufer Farms Partnership contract was a multi species cover crop on the same field paid at a flat rate of \$60/acre.</p> <p>2019: Dean Weiss's contract was paid out - a single species cover crop seeded in 2018 on 50 acres.</p>		

Activity Action - Dean Weiss			
<b>Practice</b>	340 - Cover Crop	<b>Count of Activities</b>	1
<b>Description</b>	Single species cover crop		
<b>Proposed Size / Units</b>	50.00 AC	<b>Lifespan</b>	3 Years
<b>Actual Size/Units</b>	50.00 AC	<b>Installed Date</b>	10-Sep-18
<b>Mapped Activities</b>	1 Polygon(s)		

Final Indicator for Dean Weiss			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	25
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	RUSLE2 (UPDATED)
<b>Waterbody</b>	East Fork Des Moines		

Final Indicator for Dean Weiss			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	4.15
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (SHEET AND RILL)
<b>Waterbody</b>	East Fork Des Moines		

Final Indicator for Dean Weiss			
Indicator Name	SEDIMENT (TSS)	Value	2.03
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Activity Action - Ryan Hagedorn			
Practice	340 - Cover Crop	Count of Activities	1
Description	Multi species cover crop		
Proposed Size / Units	71.00 AC	Lifespan	3 Years
Actual Size/Units	71.00 AC	Installed Date	10-Sep-18
Mapped Activities	1 Polygon(s)		

Final Indicator for Ryan Hagedorn			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8.59
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Center Creek		

Final Indicator for Ryan Hagedorn			
Indicator Name	SEDIMENT (TSS)	Value	4.18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Center Creek		

Final Indicator for Ryan Hagedorn			
Indicator Name	SOIL (EST. SAVINGS)	Value	33.37
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Center Creek		

Activity Action - Harvey Hagedorn			
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	10-Sep-18
Mapped Activities	1 Polygon(s)		

Final Indicator for Harvey Hagedorn			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4.15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Center Creek		

Final Indicator for Harvey Hagedorn			
Indicator Name	SOIL (EST. SAVINGS)	Value	80.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Center Creek		
Final Indicator for Harvey Hagedorn			
Indicator Name	SEDIMENT (TSS)	Value	1.69
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Center Creek		

Activity Action - John Ufer			
Practice	340 - Cover Crop	Count of Activities	1
Description	Multi species cover crop		
Proposed Size / Units	75.00 AC	Lifespan	3 Years
Actual Size/Units	75.00 AC	Installed Date	14-Sep-18
Mapped Activities	1 Polygon(s)		

Final Indicator for John Ufer			
Indicator Name	SOIL (EST. SAVINGS)	Value	5.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Elm Creek		
Final Indicator for John Ufer			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	14.95
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Elm Creek		
Final Indicator for John Ufer			
Indicator Name	SEDIMENT (TSS)	Value	6.62
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Elm Creek		

Activity Action - Ufer Farms			
Practice	340 - Cover Crop	Count of Activities	1
Description	Multi species cover crop		
Proposed Size / Units	76.00 AC	Lifespan	3 Years
Actual Size/Units	76.00 AC	Installed Date	14-Sep-18
Mapped Activities	1 Polygon(s)		

Final Indicator for Ufer Farms			
Indicator Name	SEDIMENT (TSS)	Value	15.01
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Elm Creek		
Final Indicator for Ufer Farms			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	28.76
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Elm Creek		
Final Indicator for Ufer Farms			
Indicator Name	SOIL (EST. SAVINGS)	Value	10.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Elm Creek		

Grant Activity - Cost Share - Soil Erosion - TA			
Description	<p>Funds will be spent on technical assistance for cover crop and no-till/strip-till cost share contracts. Payment rates will be the same as EQIP rates. The cost share contracts will follow the District's Nonstructural Land Management Practices policy.</p> <p>Martin County Comprehensive Local Water Management Plan</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-May-18	End Date	
Has Rates and Hours?	Yes		
Actual Results	<p>2018: Martin SWCD staff provided technical assistance to landowners interested in planting cover crops through the District's Capacity funding. Five contracts were signed through this funding source.</p> <p>Farm Bill Technician, 55 hrs @ \$50.61/hr</p>		

**Grant Activity - Outreach Coordinator - Excess Nutrients**

<b>Description</b>	<p>These funds will be used to continue staffing the District's Outreach Coordinator who provides information about nutrient management and wellhead protection. This activity will increase the number of abandoned wells sealed. The staff member will provide information about nutrient management at meetings and field days.</p> <p>12% 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>Martin County Comprehensive Local Water Management Plan</p>	
<b>Category</b>	PROJECT DEVELOPMENT	
<b>Start Date</b>	1-Jan-19	<b>End Date</b>
<b>Has Rates and Hours?</b>	Yes	
<b>Actual Results</b>	<p>2019: The Outreach Coordinator provided information about nutrient management programs to area producers and assisted with well sealings.</p> <p>Outreach Coordinator, 73 hours @ \$41.96/hr</p>	



**Grant Activity - Outreach Coordinator - Riparian Zone Management**

<b>Description</b>	<p>These funds will be used to continue funding Martin SWCD's Outreach Coordinator. This staff member will make contact with landowners to improve buffers around County water bodies and will coordinate with County Staff.</p> <p>25% 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>Martin County Comprehensive Local Water Management Plan</p>
<b>Category</b>	PROJECT DEVELOPMENT
<b>Start Date</b>	1-Jan-19
<b>Has Rates and Hours?</b>	Yes
<b>Actual Results</b>	<p>2019: Martin SWCD's Outreach Coordinator provided updates on the buffer law to local organizations, on the radio, and through newspaper articles.</p> <p>Outreach Coordinator, 80 hours @ \$41.96/hr</p>

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

<b>Description</b>	<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. This activity will increase the number of farmed acres that use cover crops and conservation tillage.</p> <p>12% 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>Martin County Comprehensive Local Water Management Plan</p>		
<b>Category</b>	PROJECT DEVELOPMENT		
<b>Start Date</b>	1-Jan-19	<b>End Date</b>	
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	<p>2019: Jesse promoted cover crop and conservation tillage cost share programs and did field visits promoting soil health.</p> <p>Outreach Coordinator, 61 hours @ \$41.96/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>12% 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>Martin County Comprehensive Local Water Management Plan</p>		
<b>Category</b>	PROJECT DEVELOPMENT		
<b>Start Date</b>	1-Jan-19	<b>End Date</b>	
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	<p>2019: Jesse attended multiple ditch hearings and provided information about water storage funding.</p> <p>Outreach Coordinator, 44 hours @ \$41.96/hr</p>		

## Grant Attachments

Document Name	Document Type	Description
<b>2018 SWCD Capacity Amendment EXECUTED - Martin SWCD</b>	Grant	2018 - SWCD Local Capacity Services (Martin SWCD)
<b>2018 SWCD Capacity Amendment UNEXECUTED - Martin SWCD</b>	Grant	2018 - SWCD Local Capacity Services (Martin SWCD)
<b>2018/2019 Programs and Operations Grants</b>	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Martin SWCD
<b>2018/2019 Programs and Operations Grants executed</b>	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Martin SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/09/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/01/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/21/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/04/2018
<b>Allocation Documentation</b>	Grant	2018 - SWCD Local Capacity Services (Martin SWCD)
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 02/21/2018

Document Name	Document Type	Description
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/06/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 08/31/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 04/05/2018