



Grant All-Detail Report SWCD Local Capacity Services 2020

Grant Title - 2020 - SWCD Local Capacity Services (Martin SWCD)

Grant ID - P20-7496

Organization - Martin SWCD

Original Awarded Amount	\$118,757.00	Grant Execution Date	12/26/2019
Required Match Amount	\$0.00	Original Grant End Date	12/31/2022
Required Match %	0%	Grant Day To Day Contact	Ashley Brenke
Current Awarded Amount	\$118,757.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$118,757.00	\$72,980.90	\$45,776.10
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$118,757.00	\$72,980.90	\$45,776.10

**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	Administration /Coordination	Current State Grant	2020 - SWCD Local Capacity Services (Martin SWCD)	\$9,000.00	\$9,250.39	12/31/2021	N
Ag Practices Cost Share - Soil Erosion	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Martin SWCD)	\$20,000.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Cost Share - Soil Erosion	Non-Structural Management Practices	Current State Grant	2020 - SWCD Local Capacity Services (Martin SWCD)	\$35,000.00	\$46,000.00	7/22/2021	N
Office Rent - Soil Erosion	Administration /Coordination	Current State Grant	2020 - SWCD Local Capacity Services (Martin SWCD)	\$14,000.00	\$14,000.00	8/2/2021	N
Outreach Coordinator - Soil Erosion	Project Development	Current State Grant	2020 - SWCD Local Capacity Services (Martin SWCD)	\$10,000.00	\$2,709.91	12/31/2021	N
Outreach Coordinator - Water Storage and Treatment	Project Development	Current State Grant	2020 - SWCD Local Capacity Services (Martin SWCD)	\$10,757.00	\$1,020.60	12/31/2021	N
Technical Assistance - Soil Erosion	Technical/Engineering Assistance	Current State Grant	2020 - SWCD Local Capacity Services (Martin SWCD)	\$8,000.00			N
Vehicle - Riparian Zone Management	Supplies/Equipment	Current State Grant	2020 - SWCD Local Capacity Services (Martin SWCD)	\$12,000.00			N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
329B - Conservation Tillage	1	1	80 AC	80 AC
329B - Conservation Tillage	1	1	72 AC	72 AC
340 - Cover Crop	1	1	72 AC	72 AC
340 - Cover Crop	1	1	52 AC	52 AC
340 - Cover Crop	4	5	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
SEDIMENT (TSS)	27.03	TONS/YR
PHOSPHORUS (EST. REDUCTION)	76.20	LBS/YR
SOIL (EST. SAVINGS)	348.36	TONS/YR

Grant Activity

Grant Activity - Administration	
Description	<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. Funds will also be used to cover staff time attending One Watershed, One Plan meetings.</p> <p>2017-2026 Martin County Comprehensive Local Water Management Plan</p>
Category	ADMINISTRATION/COORDINATION
Start Date	6-Jan-20
End Date	
Has Rates and Hours?	Yes
Actual Results	<p>2020: Funds were used to cover staff time for attending Watonwan One Watershed, One Plan meetings.</p> <p>District Manager, 113 hours @ \$55.03/hr</p> <p>2021: Funds were used to cover staff time for time tracking and grant reporting.</p> <p>District Manager, 50 hours @ \$60.64/hr</p>

Grant Activity - Ag Practices Cost Share - Soil Erosion

Description	Funds will be spent to cost share agricultural practices (grassed waterways, WASCObS) in priority watersheds at targeted locations. Landowner will be responsible for 25% of the cost.		
	2017-2026 Martin County Comprehensive Local Water Management Plan		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Cost Share - Soil Erosion

<p>Description</p>	<p>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.</p> <p>2017-2026 Martin County Comprehensive Local Water Management Plan</p>		
<p>Category</p>	<p>NON-STRUCTURAL MANAGEMENT PRACTICES</p>		
<p>Start Date</p>	<p>6-Jan-20</p>	<p>End Date</p>	<p>22-Jul-21</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>2020: Two conservation tillage contracts were encumbered. Six cover crop contracts were started and year 1 of 3 was seeded. Four of those cover crop contracts were paid.</p> <ul style="list-style-type: none"> - Kittleson contract was a multi species cover crop on the same field paid at a flat rate of \$36.25/acre. - Schmidt contract was a multi species cover crop on the same field paid at a flat rate of \$36.25/acre. - Truesdell contract was a single species cover crop on the same field paid at a flat rate of \$30.00/acre. - Rod Ask contract was a multi species cover crop on the same field paid at a flat rate of \$36.25/acre. <p>All of these contracts are in the East Fork Des Moines priority watershed. Many of the conversations with these producers started as part of the PCA's WRAPS civic engagement process.</p> <p>2021: Two conservation tillage contracts were paid and two cover crop contracts were paid.</p> <ul style="list-style-type: none"> - Matt Ask contract was a single species cover crop on the same field paid at a flat rate of \$30.00/acre. - Moeller contract was a single species cover crop on rotating fields paid at a flat rate of \$24.00/acre. (\$2,879 matching funds were provided) - Matt Ask residue management contract was a no-till practice paid at a flat rate of \$14.00/acre. - Truesdell residue management contract was a no-till practice paid at a flat rate of \$14.00/acre. 		

Activity Action - Kittleson 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	28-Sep-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Kittleson Cover Crop			
Indicator Name	SOIL (EST. SAVINGS)	Value	38.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	East Fork Des Moines		

Final Indicator for Kittleson Cover Crop			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	15.29
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	East Fork Des Moines		

Final Indicator for Kittleson Cover Crop			
Indicator Name	SEDIMENT (TSS)	Value	5.98
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	East Fork Des Moines		

Activity Action - Schmidt Cover Crop			
Practice	340 - Cover Crop	Count of Activities	1
Description	Multi species cover crop		
Proposed Size / Units	52.00 AC	Lifespan	3 Years
Actual Size/Units	52.00 AC	Installed Date	30-Aug-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Schmidt Cover Crop			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Final Indicator for Schmidt Cover Crop			
Indicator Name	SOIL (EST. SAVINGS)	Value	16.12
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	East Fork Des Moines		

Final Indicator for Schmidt Cover Crop			
Indicator Name	SEDIMENT (TSS)	Value	.97
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Activity Action - Truesdell Cover Crop			
Practice	340 - Cover Crop	Count of Activities	1
Description	Single species cover crop		
Proposed Size / Units	80.00 AC	Lifespan	3 Years
Actual Size/Units	80.00 AC	Installed Date	1-Sep-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Truesdell Cover Crop			
Indicator Name	SOIL (EST. SAVINGS)	Value	65.60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	East Fork Des Moines		

Final Indicator for Truesdell Cover Crop			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	12.55
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Final Indicator for Truesdell Cover Crop			
Indicator Name	SEDIMENT (TSS)	Value	4.13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Activity Action - Rod Ask 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	9-Oct-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Rod Ask Cover Crop			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.96
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)

Waterbody	East Fork Des Moines		
Final Indicator for Rod Ask Cover Crop			
Indicator Name	SOIL (EST. SAVINGS)	Value	4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	East Fork Des Moines		
Final Indicator for Rod Ask Cover Crop			
Indicator Name	SEDIMENT (TSS)	Value	.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Activity Action - Moeller Cover Crop			
Practice	340 - Cover Crop	Count of Activities	1
Description	Single species cover crop		
Proposed Size / Units	80.00 AC	Lifespan	3 Years
Actual Size/Units	80.00 AC	Installed Date	10-Oct-20
Mapped Activities	2 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Moeller Cover Crop			
Indicator Name	SEDIMENT (TSS)	Value	2.31
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Elm Creek		
Final Indicator for Moeller Cover Crop			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7.14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Elm Creek		
Final Indicator for Moeller Cover Crop			
Indicator Name	SOIL (EST. SAVINGS)	Value	38.40
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Elm Creek		

Activity Action - Matt Ask Cover Crop			
Practice	340 - Cover Crop	Count of Activities	1
Description	Single species cover crop		
Proposed Size / Units	72.00 AC	Lifespan	3 Years
Actual Size/Units	72.00 AC	Installed Date	17-Oct-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Matt Ask Cover Crop

Indicator Name	SEDIMENT (TSS)	Value	3.55
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Final Indicator for Matt Ask Cover Crop

Indicator Name	SOIL (EST. SAVINGS)	Value	46.08
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Final Indicator for Matt Ask Cover Crop

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9.26
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Activity Action - Matt Ask Conservation Tillage			
Practice	329B - Conservation Tillage	Count of Activities	1
Description	No till		
Proposed Size / Units	72.00 AC	Lifespan	3 Years
Actual Size/Units	72.00 AC	Installed Date	1-Jun-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Matt Ask Conservation Tillage

Indicator Name	SEDIMENT (TSS)	Value	5.16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Final Indicator for Matt Ask Conservation Tillage

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	14.31
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Final Indicator for Matt Ask Conservation Tillage			
Indicator Name	SOIL (EST. SAVINGS)	Value	66.96
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	East Fork Des Moines		

Activity Action - Truesdell Conservation Tillage			
Practice	329B - Conservation Tillage	Count of Activities	1
Description	No till		
Proposed Size / Units	80.00 AC	Lifespan	3 Years
Actual Size/Units	80.00 AC	Installed Date	1-Jun-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Truesdell Conservation Tillage			
Indicator Name	SEDIMENT (TSS)	Value	4.68
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Final Indicator for Truesdell Conservation Tillage			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	13.39
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Final Indicator for Truesdell Conservation Tillage			
Indicator Name	SOIL (EST. SAVINGS)	Value	72.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	East Fork Des Moines		

Grant Activity - Office Rent - Soil Erosion

Description	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		
Category	ADMINISTRATION/COORDINATION		
Start Date	6-Jan-20	End Date	02-Aug-21
Has Rates and Hours?	No		
Actual Results	2020: Funds were used to cover a portion of the District's 2020 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. 2021: Funds were used to cover a portion of the rent in 2021. 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

Description	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. Non-state funds will also be used to pay for a portion of his salary. 2017-2026 Martin County Comprehensive Local Water Management Plan		
Category	PROJECT DEVELOPMENT		
Start Date	1-Jan-21	End Date	
Has Rates and Hours?	Yes		
Actual Results	2021: Jesse assisted landowners with questions about soil health practices and reached out to producers with cost share information. Outreach Coordinator, 47 hours @ \$51.03/hr Training Expenses, \$311.50		

Grant Activity - Outreach Coordinator - Water Storage and Treatment

Description	<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>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>	
Category	PROJECT DEVELOPMENT	
Start Date	1-Jan-21	End Date
Has Rates and Hours?	Yes	
Actual Results	<p>2021: Jesse worked with County drainage staff identifying potential water storage project sites.</p> <p>Outreach Coordinator, 20 hours @ \$51.03/hr</p>	

Grant Activity - Technical Assistance - Soil Erosion

Description	<p>Funds will be spent by SWCD staff to provide technical assistance to landowners interested in installing cover crops.</p> <p>2017-2026 Martin County Comprehensive Local Water Management Plan</p>	
Category	TECHNICAL/ENGINEERING ASSISTANCE	
Start Date		End Date
Has Rates and Hours?	Yes	
Actual Results		

Grant Activity - Vehicle - Riparian Zone Management

Description	<p>These funds will be used to purchase an additional vehicle for the office. As we have increased our staff and increased our workload, we need an additional vehicle to visit sites, meet with landowners, and measure buffers.</p> <p>Total cost, \$28,000.00 ~ 2020 Capacity Funds Used, \$12,000.00 ~ Other Funds Used, \$16,000.00 ~</p> <p>Martin County Comprehensive Local Water Management Plan</p>		
Category	SUPPLIES/EQUIPMENT		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Attachments

Document Name	Document Type	Description
2020 SWCD Local Capacity and Buffer Law Implementation	Grant Agreement	2020 SWCD Local Capacity and Buffer Law Implementation - Martin SWCD
2020 SWCD Local Capacity and Buffer Law Implementation EXECUTED	Grant Agreement	2020 SWCD Local Capacity and Buffer Law Implementation - Martin SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/23/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/09/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/16/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2021
FY20 NLMP Implementation Plan	Journal	Journal Dated - 03/16/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 09/16/2019