



Grant All-Detail Report SWCD Local Capacity Services 2021

Grant Title - 2021 - SWCD Local Capacity Services (Martin SWCD)

Grant ID - P21-2723

Organization - Martin SWCD

Original Awarded Amount	\$118,757.00	Grant Execution Date	12/22/2020
Required Match Amount	\$0.00	Original Grant End Date	12/31/2023
Required Match %	0%	Grant Day To Day Contact	Ashley Brenke
Current Awarded Amount	\$118,757.00	Current End Date	12/31/2023

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$118,757.00	\$43,294.40	\$75,462.60
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$118,757.00	\$43,294.40	\$75,462.60

**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	2021 - SWCD Local Capacity Services (Martin SWCD)	\$9,000.00	\$4,669.28	12/31/2021	N
Ag Practices Cost Share - Soil Erosion	Agricultural Practices	Current State Grant	2021 - SWCD Local Capacity Services (Martin SWCD)	\$15,000.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Nonstructural Cost Share - Soil Erosion	Non-Structural Management Practices	Current State Grant	2021 - SWCD Local Capacity Services (Martin SWCD)	\$45,000.00	\$26,775.00	1/18/2022	N
Office Rent - Soil Erosion	Administration /Coordination	Current State Grant	2021 - SWCD Local Capacity Services (Martin SWCD)	\$15,000.00	\$11,850.12	12/1/2021	N
Outreach Coordinator - Soil Erosion	Project Development	Current State Grant	2021 - SWCD Local Capacity Services (Martin SWCD)	\$16,757.00			N
Outreach Coordinator - Water Storage and Treatment	Project Development	Current State Grant	2021 - SWCD Local Capacity Services (Martin SWCD)	\$10,000.00			N
Technical Assistance - Soil Erosion	Technical/Engineering Assistance	Current State Grant	2021 - SWCD Local Capacity Services (Martin SWCD)	\$8,000.00			N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
340 - Cover Crop	1	1	39 AC	39 AC
340 - Cover Crop	2	2	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)	9.68	TONS/YR
SOIL (EST. SAVINGS)	134.39	TONS/YR

PHOSPHORUS (EST. REDUCTION)	22.71	LBS/YR
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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	1-Jan-21	End Date
Has Rates and Hours?	Yes	
Actual Results	<p>2021: Funds were used to cover staff time for attending Watonwan and Des Moines One Watershed, One Plan meetings.</p> <p>District Manager, 77 hours @ \$60.64/hr</p>	

Grant Activity - Ag Practices Cost Share - Soil Erosion		
Description	<p>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.</p> <p>2017-2026 Martin County Comprehensive Local Water Management Plan</p>	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Has Rates and Hours?	No	
Actual Results		

Grant Activity - Nonstructural Cost Share - Soil Erosion

Description	Funds will be spent to cost share tillage management and cover crop plantings in priority watersheds at targeted locations. Payment rates will be the same as EQIP rates. The contracts will follow the District's Nonstructural Land Management Practices policy.		
	2017-2026 Martin County Comprehensive Local Water Management Plan		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	1-Jan-21	End Date	
Has Rates and Hours?	No		
Actual Results	2021: Four conservation tillage contracts were encumbered. Three cover crop contracts were started and year 1 of 3 was seeded. One of those cover crop contracts was paid. - Robert Kittleson contract was a multi species cover crop on rotating fields paid at a flat rate of \$42.00/acre.		

Activity Action - Robert 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	3-Sep-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Robert Kittleson Cover Crop			
Indicator Name	SOIL (EST. SAVINGS)	Value	42.40
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	East Fork Des Moines		

Final Indicator for Robert Kittleson Cover Crop			
Indicator Name	SEDIMENT (TSS)	Value	4.21
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines		

Final Indicator for Robert Kittleson Cover Crop			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10.55

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

Activity Action - Andrew Schmidt Cover Crops			
Practice	340 - Cover Crop	Count of Activities	1
Description	Cover Crop		
Proposed Size / Units	80.00 AC	Lifespan	3 Years
Actual Size/Units	80.00 AC	Installed Date	8-Oct-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Andrew Schmidt Cover Crops			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10.35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines River		

Final Indicator for Andrew Schmidt Cover Crops			
Indicator Name	SEDIMENT (TSS)	Value	4.57
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Fork Des Moines River		

Final Indicator for Andrew Schmidt Cover Crops			
Indicator Name	SOIL (EST. SAVINGS)	Value	76
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	East Fork Des Moines River		

Activity Action - Brian Thate Cover Crop			
Practice	340 - Cover Crop	Count of Activities	1
Description	Cover Crop		
Proposed Size / Units	39.00 AC	Lifespan	3 Years
Actual Size/Units	39.00 AC	Installed Date	20-Sep-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Brian Thate Cover Crop			
Indicator Name	SOIL (EST. SAVINGS)	Value	15.99
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	Blue Earth River		

Final Indicator for Brian Thate Cover Crop			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.81
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Blue Earth River		
Final Indicator for Brian Thate Cover Crop			
Indicator Name	SEDIMENT (TSS)	Value	0.90
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Blue Earth River		

Grant Activity - Office Rent - Soil Erosion			
Description	<p>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.</p> <p>Local funds will also be used to help cover part of the increased rent costs.</p> <p>2017-2026 Martin County Comprehensive Local Water Management Plan</p>		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-21	End Date	
Has Rates and Hours?	No		
Actual Results	2021: Funds were used to cover a portion of the District's 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

Description	<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>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		End Date
Has Rates and Hours?	Yes	
Actual Results		

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		End Date
Has Rates and Hours?	Yes	
Actual Results		

Grant Activity - Technical Assistance - Soil Erosion

Description	Funds will be used by the SWCD to cover staff time providing technical assistance to landowners interested in installing cost share practices through this grant.		
	2017-2026 Martin County Comprehensive Local Water Management Plan		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date		End Date	
Has Rates and Hours?	Yes		
Actual Results			

Grant Attachments

Document Name	Document Type	Description
2021 SWCD Local Capacity and Buffer Law Implementation	Grant Agreement	2021 SWCD Local Capacity and Buffer Law Implementation - Martin SWCD
2021 SWCD Local Capacity and Buffer Law Implementation EXECUTED	Grant Agreement	2021 SWCD Local Capacity and Buffer Law Implementation - Martin SWCD
APPROVED FY21 NLMP Impl. Form	Journal	Journal Dated - 03/29/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/24/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2021
NLMP Updated Priority Watersheds	Journal	Journal Dated - 09/10/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 09/21/2020