



Grant Progress Report

SWCD Local Capacity Services 2019

Grant Title: 2019 - SWCD Local Capacity Services (Freeborn SWCD)

Grant Award (\$): \$118,000.00

Grant Execution Date: 10/08/2018

Grant ID: P19-2356

Amended Grant Award (\$): \$118,000.00

Grant End Date: 12/31/2021

Grantee: Freeborn SWCD

Required Match (%): 0

Amended Grant End Date:

Fiscal Agent:

Required Match (\$): \$0.00

Grant Day-to-Day Contact: Lindsey Cornell

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$118,000.00	\$118,000.00	\$0.00
Match Funds	\$18,000.00	\$18,000.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$136,000.00	\$136,000.00	\$0.00

*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Proposed Measurable Outcomes	The grant targets four resource concern areas - Soil Erosion, Riparian Zone Management, Water Storage and Treatment, and Excess Nutrients - and supports increased capacity by funding expenses in the following categories: Staffing, Cost Share/Incentives, Technology/Capital Equipment, and Operations.
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Budget Details

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Water Storage and Treatment - 2019 CREP	Technical/Engineering Assistance	Local Fund	County match	\$18,000.00	\$18,000.00	\$0.00	Y

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
Implementation							
Riparian Zone Management - 2019 Administration	Administration/Coordination	Current State Grant	2019 - SWCD Local Capacity Services (Freeborn SWCD)	\$12,000.00	\$12,000.00	\$0.00	N
Soil Erosion - 2019 Cost Share	Non-Structural Management Practices	Current State Grant	2019 - SWCD Local Capacity Services (Freeborn SWCD)	\$18,000.00	\$18,000.00	\$0.00	N
Soil Erosion - 2019 Cedar 1W1P	Planning and Assessment	Current State Grant	2019 - SWCD Local Capacity Services (Freeborn SWCD)	\$1,000.00	\$1,000.00	\$0.00	N
Soil Erosion - 2019 Shellbago 1W1P	Planning and Assessment	Current State Grant	2019 - SWCD Local Capacity Services (Freeborn SWCD)	\$2,000.00	\$2,000.00	\$0.00	N
Riparian Zone Management - 2019 Technician	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Freeborn SWCD)	\$85,000.00	\$85,000.00	\$0.00	N

Indicator Summary

Indicator Category	Proposed Indicator	Total Value	Unit
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Indicator Category	Final Indicator	Total Value	Unit
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	149.68	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	103.61	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	217.8	Tons/Yr

Grant Activities

Activity Name: Riparian Zone Management - 2019 Administration

Activity Category: Administration/Coordination

Staff time?: Yes

Description: Freeborn County Comprehensive Water Plan (Soil Erosion and Soil Quality Concerns - Goal #2 - control soil erosion). Funds will be spent on staff time for Administrative personnel for grant administration activities. Administration includes, but is not limited to, required eLINK reporting, grant log and timesheet tracking for activities of this grant workplan, oversight of the staff hired with this grant, updating the SWCD Board on grant activities, and the coordination of computer/technology/equipment purchases for activities associated with this grant.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2019 - SWCD Local Capacity Services (Freeborn SWCD)	\$12,000.00	\$12,000.00	\$0.00	12/31/2019	N

Actual Results

Results Date Added

2019 Activities were spent administering this grant, eLINK reporting and time tracking, supervision of staff, and SWCD Board updates. 9/10/2018 4:13:32 PM
Manager 129 hours @ \$56.81, Manager 45.5 hours @ \$58.18 per BWSR billable rates. Funds were spent on staff time and tuition for a new manager. eLINK reporting, time tracking, and work plan activities. Hiring and firing, Manager training.

Activity Name: Riparian Zone Management - 2019 Technician

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Freeborn County Comprehensive Water Plan Surface Waters Concerns - Goal #2 - manage watersheds to reduce bacteria, nutrients, chemicals, and sediments from entering surface waters; Goal #7 - protect and preserve existing shorelands. Funds will be used to continue funding qualified individuals with appropriate technical abilities to work with landowners to implement conservation practices within Freeborn County. Capacity funding allows for the continuation of the staff position that was newly hired with 2016 Capacity funding and partial funding of another newly hired individual in 2017. These staff will continue to complete existing workload along with new workloads due the Buffer Law, Easements, and Cost Share projects .

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2019 - SWCD Local Capacity Services (Freeborn SWCD)	\$85,000.00	\$85,000.00	\$0.00	09/30/2021	N

Actual Results

Results Date Added

2019 activities: 2 Tech 93 hours @ \$44.77, 2 Tech 278 hours @ \$45.01, 3 Tech 8.5 hours @ \$44.62. 9/10/2018 4:16:48 PM

Worked on providing CRP planning assistance to several landowners and participated in Soil Health team as members, outreach committee, and taking minutes. Assisted customers with buffer law and erosion concerns. Attended BWSR academy and pursuing ecological and engineering JAA. Pursuing Certified Conservation Planner. Also attends Blue Earth Civic Engagement meetings, Shell Rock River & Cedar River Advisory meetings. Assists new NRCS staff with programs and training. (CRP planning and surveying basins and waterways).

Results

Date Added

2020 activities: Resource Conservationist 929.5 hours @ \$48.76, Tech 683 hours @ \$32.17. Tech also assists with the MAWQCP program. Staff continued with activities from 2019 with also navigating COVID-19 and still providing customer service.

2021 continuation of 2020. Re-allocated \$800 from cost share to technical and engineering in the fall of 2021. 16 hours x 15.66 billable rate/Resource Conservationist = \$826.56

Activity Name: Riparian Zone Management - 2019 Equipment

Activity Category: Supplies/Equipment

Staff time?: No

Description: Purchase of a side by side for field use. Freeborn County Comprehensive Water Plan Surface Waters Concerns - Goal #7 - Protect and preserve existing shorelands by visiting sites to decide best management practices, aid in surveys, buffer checks, soil health, etc. Purchase to be split between this grant, buffer law grant and WCA grant.

Actual Results

Results

Date Added

9/26/2018 11:28:17 AM

Activity Name: Soil Erosion - 2019 Cedar 1W1P

Activity Category: Planning and Assessment

Staff time?: Yes

Description: Freeborn County Comprehensive Water Plan (all concerns and goals)

Staff and/or Supervisor time to prepare for and represent Freeborn SWCD at Cedar 1W1P Policy, Advisory, and Planning Work Group, and public meetings. Expenses are for efforts that are above and beyond normal water planning activities.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2019 - SWCD Local Capacity Services (Freeborn SWCD)	\$1,000.00	\$1,000.00	\$0.00	12/31/2019	N

Actual Results

<u>Results</u>	<u>Date Added</u>
2019 preparing for and attending 1W1P meetings and reporting back to SWCD board. Manager 51 hours @ \$56.81, Manager 2 hours @ \$58.18.	9/10/2018 4:18:50 PM

Activity Name: Soil Erosion - 2019 Cost Share

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: To promote soil health practices by providing cost share for cover crops and reduced tillage (no-till and strip till). Prioritization, payment rates, and policy would be based on Freeborn SWCD NLMP.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2019 - SWCD Local Capacity Services (Freeborn SWCD)	\$18,000.00	\$18,000.00	\$0.00	10/15/2021	N

Actual Results

<u>Results</u>	<u>Date Added</u>
Two contracts with two different landowners were put into place implementing cover crops over 60 acres for each contract for 3 years. The total acres that will be treated with the 2 contracts will be 360 acres. The cover crops will reduce sediment and nutrient loads into stream systems.	9/26/2018 11:19:11 AM

Final Indicators		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	149.68	Lbs/Yr
Sediment (Tss)	103.61	Tons/Yr
Soil (Est. Savings)	217.8	Tons/Yr

Activity Action Name: Sorg FY19-CAP-CC-01	Activity Count: 3
Practice Type: 340 - Cover Crop	Size/Units: 180 - Acres
TA Provider/JAA: SWCD	Lifespan: 3 Years
Practice Description: Producer is looking to implement cover crops over a 3 year period across 60 acres. 180 acres total will be planted within the 3 years. The field will be planted in 2021, 2022, and 2023. The producer is looking to reduce erosion from wind and water, maintain or increase soil health and organic matter content, and suppress excessive weed pressures and break pest cycles.	Install Date: 12/31/2023
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	49.8	Bwsr Calc (Sheet And Rill)	County Ditch 28
Sediment (Tss)	Tons/Yr	10.13	Bwsr Calc (Sheet And Rill)	County Ditch 28
Phosphorus (Est. Reduction)	Lbs/Yr	21.26	Bwsr Calc (Sheet And Rill)	County Ditch 28

Activity Action Name:	McGill FY19-CAP-CC-02	Activity Count: 3
Practice Type:	340 - Cover Crop	Size/Units: 180 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Producer plans to plant 60 acres of cover crops for 3 years totaling 180 acres of cover crops planted. 60 acres will be planted in 2021, 2022, 2023. The goals of the cover crops are to reducer erosion from wind and water, suppress excessive weed pressures and break pest cycles, and minimize soil compaction.	Install Date: 12/31/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	128.42	Bwsr Calc (Sheet And Rill)	County Ditch 15
Soil (Est. Savings)	Tons/Yr	168	Bwsr Calc (Sheet And Rill)	County Ditch 15
Sediment (Tss)	Tons/Yr	93.48	Bwsr Calc (Sheet And Rill)	County Ditch 15

Activity Name: Soil Erosion - 2019 Shellbago 1W1P

Activity Category: Planning and Assessment **Staff time?:** Yes

Description: Freeborn County Comprehensive Water Plan (all concerns and goals)
 Staff and/or Supervisor time to prepare for and represent Freeborn SWCD at Shell Rock River and Winnebago Watershed Planning Area 1W1P Policy, Advisory, and Planning Work Group, and public meetings. Expenses are for efforts that are above and beyond normal water planning activities.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2019 - SWCD Local Capacity Services (Freeborn SWCD)	\$2,000.00	\$2,000.00	\$0.00	12/31/2019	N

Actual Results

<u>Results</u>	<u>Date Added</u>
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2019 preparing for and attending 1W1P meetings and reporting back to SWCD board. Manager 51 hours @ \$56.81, Manager 2 hours @ \$58.18.	9/10/2018 4:21:15 PM
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Activity Name: Water Storage and Treatment - 2019 CREP Implementation**Activity Category:** Technical/Engineering Assistance**Staff time?:** Yes**Description:****Budget Details**

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Local Fund	County match	\$18,000.00	\$18,000.00	\$0.00	07/16/2021	Y

Actual Results

<u>Results</u>	<u>Date Added</u>
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This is a county match used for staffing a half time position to administer the CREP program along with general SWCD technical duties. He has shown continuous support in all aspects of CREP everything from outreach to a completed closed restored easement. Freeborn currently has 23 accepted CREP easements in different stages of restoration/easement closing. Full restoration was completed on 5 RIM/CREP easements of approximately 415 ac. (construction completed/vegetation established). 5 RIM/CREP easements of approximately 615 ac. were closed ahead of the next spring deadline. Submitted CREP applications (2 have been accepted for funding as of now). Construction was completed on 8 RIM/CREP easements (All CREP easements with final plans received prior to end of field season were completed). Rates 183.5 hrs. @ \$48.50 in 2020.	9/26/2018 11:31:57 AM
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Completed 2021

- Completed restoration on 9 CREP easements of approximately 935 ac. (construction completed/vegetation established)
- Construction completed on 6 CREP easements of approximately 780 ac.
- 5 CREP seeding completed of approximately 500 ac.
- Closed 1 CREP easement of approximately 135ac.

Results

Date Added

- 2 applications approved to move forward with Oct. 2022 start date.
- 107 landowner contacts were made by staff

Major projects completed/accomplished to date

- Completed restoration on 21 CREP easements of approximately 1,600 ac. (construction completed/vegetation established)
- Closed 24 CREP easements of approximately 1,910 ac.
- Construction completed on 21 CREP easements
- Native Seeding completed on 25 CREP easements

2021 activities included -- 45 hours @ \$51.13, 66 hours @ \$ 51.85, and 8.5 hours @ \$51.42.