



Grant All-Detail Report SWCD Local Capacity Services 2017

Grant Title - 2017 - SWCD Local Capacity Services (Blue Earth County SWCD)

Grant ID - P17-4703

Organization - Blue Earth County SWCD

Original Awarded Amount	\$122,750.00	Grant Execution Date	3/21/2017
Required Match Amount	\$0.00	Original Grant End Date	12/31/2019
Required Match %	0%	Grant Day To Day Contact	Jerad Bach
Current Awarded Amount	\$122,750.00	Current End Date	12/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$122,750.00	\$122,750.00	\$0.00
Total Match Amount	\$22,750.00	\$22,750.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$145,500.00	\$145,500.00	\$0.00

**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
Excess Nutrients - 2017 Staff	Project Development	Current State Grant	2017 - SWCD Local Capacity Services (Blue Earth County SWCD)..	\$62,000.00	\$62,000.00	9/30/2019	N
Riparian Zone Management - 2017 Equipment	Supplies/Equipment	Current State Grant	2017 - SWCD Local Capacity Services (Blue Earth County SWCD)..	\$27,250.00	\$27,250.00	5/28/2019	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Riparian Zone Management - 2017 Equipment	Supplies/Equipment	Local Fund	2017 SWCD Local Capacity County Match	\$22,750.00	\$22,750.00	12/31/2019	Y
Water Storage and Treatment - 2017 Staff	Project Development	Current State Grant	2017 - SWCD Local Capacity Services (Blue Earth County SWCD)..	\$33,500.00	\$33,500.00	9/30/2019	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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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
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Grant Activity

Grant Activity - Excess Nutrients - 2017 Staff

Description	<p>Blue Earth County Water Management Plan Blue Earth SWCD Comprehensive Plan 2017 - 2021 Blue Earth SWCD Capacity Building Plan approved 8/6/15</p> <p>The SWCD will hire qualified staff to carry out the actions listed. The main goal of this position will be to work with landowners to implement conservation practices and programs that meet the goals listed below. These activities will be public outreach, initial landowner contacts, preliminary information gathering, and conservation marketing. This position will do the leg work and feed more projects to the existing technically trained staff. This position will work into carrying out the program practices as their skills develop.</p> <p>Area of Focus: Excess Nutrients – Work on activities that will protect drinking water, protect and restore lake and stream quality and groundwater sustainability. These type of programs and projects will be nutrient management, tillage management, cover crops, soil health, etc.</p>		
Category	PROJECT DEVELOPMENT		
Start Date	1-Jan-18	End Date	31-Dec-19
Has Rates and Hours?	Yes		
Actual Results	<p>Staff hourly rates were billed to this grant as follows to accomplish the goals listed in the activity description. The main focus so far has been landowner outreach and initial landowner contacts. The project outcomes have been nutrient management, tillage management and cover crop related projects.</p> <p>2018 Hours Jake 985.0 hrs @ \$29.68/hr = \$29,234.80</p> <p>2019 Hours Jake 829.50 hrs @ \$39.51/hr = \$32,773.55</p> <p>In-Kind Donation: -\$8.35 Category Total Spent = \$62,000.00</p>		

Description

Blue Earth County Water Management Plan
Blue Earth SWCD Comprehensive Plan 2017 - 2021
Blue Earth SWCD Capacity Building Plan approved 8/6/15

The SWCD will use these funds to purchase equipment that will help with Riparian Zone Management activities. We plan to add a no till seeding option for native grass planting and cover crop establishment. We will add a Truax "On The Go", John Deere No Till 1590, Great Plains or equivalent option.

Currently there are a lot of landowners that don't have access to no till equipment for establishing native grasses or cover crops to help promote soil health initiatives. By adding this equipment the SWCD will be able to help landowners install native grass plantings as well as try a no till cover crop option on their farming operation to follow a soil health plan.

Upcoming conservation program signups, the buffer law and soil health initiatives are increasing demand for no till options. Many landowners would like to try out this equipment before making the full investment into purchasing their own. This will allow people that only need one time native grass seeding options to use this equipment or people looking to add cover crops a way to try an establishment before going out and investing into a large equipment purchase of their own.

This will help the SWCDs goal of protecting and enhancing lakes, streams, ditches through conservation cover and soil health practices. Adopting a soil health plan with no till and cover crops allows for healthier soil which increases water storage and infiltration, holds nutrients in place and reduces soil erosion. Creating a win for water quality on many fronts.

No till native grass/cover crop drill - \$50,000.00
Local Match - \$22,750.00
Grant Funded - \$27,250.00

If the purchase prices comes in lower than estimated the extra funds will be used on other equipment to help promote the same activity.

Category	SUPPLIES/EQUIPMENT		
Start Date	15-May-18	End Date	31-Dec-19
Has Rates and Hours?	No		
Actual Results	<p>As described in the activity description the SWCD purchased a Great Plains 3PNG12 native grass no till drill. The total cost of this drill was \$39,405.68. This equipment will help landowners complete activities with vegetation installation to promote Riparian Zone Management. The purchase came in lower than estimated. The remaining equipment fund will be spent on similar equipment as described in the activity description.</p> <p>Grant Funds Spent - \$19,702.84 Match Funds Spent - \$19,702.84</p> <p>With the remaining funds the SWCD completed necessary repairs on the John Deere tractor. The tractor is a vital piece of equipment in operating the no till drill. The cost of repairs for the John Deere tractor was \$4,125.78. The SWCD also purchased a utility trailer to haul the John Deere Gator as well as a Vicon broadcast seeder that can be mounted in the back of the Gator. The Gator and broadcast seeder will allow for more opportunity for seeding when field conditions are not ideal for the larger no-till drill and tractor. Expanding the fleet of seeding equipment will allow the SWCD to keep up with the demands for soil health initiatives as well as upcoming conservation program signups and buffer law requirements.</p> <p>Tractor Repairs - \$4,125.78 (Grant Funds) Gator Utility Trailer - \$3,719.00 (Grant Funds: \$3,421.38, Match Funds: \$297.62) Vicon Seeder/Motor/Labor - \$2,749.54 (Match Funds)</p> <p>Total Grant Funds Spent - \$27,250.00 Total Match Funds Spent - \$22,750.00</p>		

Grant Activity - Water Storage and Treatment - 2017 Staff

Description

Blue Earth County Water Management Plan
 Blue Earth SWCD Comprehensive Plan 2017 - 2021
 Blue Earth SWCD Capacity Building Plan approved 8/6/15

The SWCD will hire qualified staff to carry out the actions listed. The main goal of this position will be to work with landowners to implement conservation practices and programs that meet the goals listed below. These activities will be public outreach, initial landowner contacts, preliminary information gathering, and conservation marketing. This position will do the leg work and feed more projects to the existing technically trained staff. This position will work into carrying out the program practices as their skills develop.

Area of Focus:

Water Storage and Treatment – Work on activities that will reduce watershed runoff, rate and volume. These type of programs and projects will be water retention, wetland restoration, perennial vegetation, CREP III signup, etc.

Category

PROJECT DEVELOPMENT

Start Date

1-Jan-18

End Date

31-Dec-19

Has Rates and Hours?

Yes

Actual Results

Staff hourly rates were billed to this grant as follows to accomplish the goals listed in the activity description. The main focus so far has been landowner outreach and initial landowner contacts. The project outcomes have been watershed runoff reduction projects to control volume and erosion, water storage, wetland restorations, and CREP III signup information to landowners.

2018 Hours

Jake 833.5 hrs @ \$29.68/hr = \$24,738.28

2019 Hours

Jake 222 hrs @ \$39.51/hr = \$8,771.23

In-Kind Donation = -\$9.51

Category Total Spent = \$33,500.00

Grant Attachments

Document Name	Document Type	Description
2017 SWCD Local Capacity Services	Grant Agreement	2017 SWCD Local Capacity Services - Blue Earth County SWCD
2017 SWCD Local Capacity Services executed	Grant Agreement	2017 SWCD Local Capacity Services - Blue Earth County SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/22/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/10/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/22/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/21/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/10/2018
County Fund Match Documentation	Grant	2017 - SWCD Local Capacity Services (Blue Earth County SWCD)
Final Financial Report	Progress	Progress Dated - 01/22/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/02/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/05/2017