



Grant All-Detail Report SWCD Local Capacity Services 2017

Grant Title - 2017 - SWCD Local Capacity Services (Wabasha SWCD)

Grant ID - P17-7085

Organization - Wabasha SWCD

Grant Awarded Amount	\$100,000.00	Grant Execution Date	3/6/2017
Required Match Amount	\$0.00	Grant End Date	12/31/2019
Required Match %	0%	Grant Day To Day Contact	Terri Peters

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$100,000.00	\$73,948.10	\$26,051.90
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$100,000.00	\$73,948.10	\$26,051.90

**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
Soil Erosion - 2017 Administration/Coordination	Administration /Coordination	Current State Grant	2017 - SWCD Local Capacity Services (Wabasha SWCD)	\$1,500.00	\$1,500.00	12/31/2017	N
Soil Erosion - 2017 Staff Training	Administration /Coordination	Current State Grant	2017 - SWCD Local Capacity Services (Wabasha SWCD)	\$10,584.64	\$10,584.64	12/31/2017	N
Soil Erosion - 2017 Technical Services	Technical/Engineering Assistance	Current State Grant	2017 - SWCD Local Capacity Services (Wabasha SWCD)	\$25,418.01	\$25,418.01	12/31/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Soil Erosion - 2017 Technology/Equipment	Supplies/Equipment	Current State Grant	2017 - SWCD Local Capacity Services (Wabasha SWCD)	\$32,422.35	\$28,870.45	4/30/2017	N
Soil Erosion - 2017 Vehicle purchase	Supplies/Equipment	Current State Grant	2017 - SWCD Local Capacity Services (Wabasha SWCD)	\$4,575.00	\$4,575.00	4/3/2017	N
Soil Erosion- 2017 Cost Share Assistance	Agricultural Practices	Current State Grant	2017 - SWCD Local Capacity Services (Wabasha SWCD)	\$25,500.00	\$3,000.00	11/28/2017	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
340 - Cover Crop	1	3	20 AC	23.5 AC
340 - Cover Crop	4	14	20 AC	20 AC

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
---------------	----------------	---------------	-----------	------------------	----------

Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	69.34	TONS/YR
Total Suspended Solids (TSS)	114.73	Mg/L
PHOSPHORUS (EST. REDUCTION)	252.23	LBS/YR
SOIL (EST. SAVINGS)	86.60	TONS/YR

Grant Activity

Grant Activity - Soil Erosion - 2017 Administration/Coordination			
Description	<p>Activities done by SWCD staff to administer grant fund related projects to include, but are not limited to, eLink and other reporting required by BWSR and for operations, supervising staff working on grant related activities and updating Board of Supervisors on activities.</p> <p>LWM Plan Objective 1 erosion and sediment control. Objective 2: Increase.... perennial vegetation.... Action Item 2b. ...create a District program to improve soil health such as cover crops.</p>		
Category	ADMINISTRATION/COORDINATION		
Start Date	6-Mar-17	End Date	31-Dec-17
Has Rates and Hours?	Yes		
Actual Results	2017 - staff spent administrative time on programs and operations as reported monthly in expenditures.		

Grant Activity - Soil Erosion - 2017 Staff Training			
Description	<p>Soil Erosion - 2017 Staff Training - Continue efforts to ensure staff are trained and have required levels of TAA to provide appropriate assistance for programs available through the district and to provide skills in advancing technology.</p> <p>2015-2025 Wabasha County LWM Plan: Soil Erosion: Objective 1: Provide technical and financial assistance to Wabasha County landowners who are interested in reducing erosion and sediment by implementing management practices thereby contributing to the effort to improve water quality.</p> <p>2015-2025 Wabasha County LWM Plan Priority Concerns: Soil Erosion, Nutrient and Manure Management, SSTS/Wells/Groundwater, Forest and Pasture Land, Watershed Management and Urban Issues.</p>		
Category	ADMINISTRATION/COORDINATION		
Start Date	6-Mar-17	End Date	31-Dec-17
Has Rates and Hours?	Yes		
Actual Results	In 2017 staff time and expenses were reported for training that could include BWSR Academy or other State or NRCS training events. 2 new staff started in October and time was spent in office and with area or other SWCD staff on training opportunities.		

Grant Activity - Soil Erosion - 2017 Technical Services

Description	2015-2025 Wabasha County LWM Plan: All priority concerns in the LWM Plan address need for technical services. This funding would serve to cover the time spent towards implementing the cost share items listed in the Capacity Funding Plan and those items that are not covered by other funding sources or where there is not sufficient funding for time spent. This will cover time for District Staff at their billable rate to provide technical services to aforementioned situations and for technical assistance provided to implement NRCS projects that will show services provided that will justify staff seats on federal computer/telephone system and related technical services. It will also cover staff time for technical assistance on the CREP program.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	6-Mar-17	End Date	31-Dec-17
Has Rates and Hours?	Yes		
Actual Results	Technical time was spent on Capacity projects listed in reporting, working on developing new projects and partner projects with NRCS.		

Grant Activity - Soil Erosion - 2017 Technology/Equipment

<p>Description</p>	<p>This will be added to FY2016 equipment funds to increase technical capacity. It will include, but is not limited to, the purchase of additional computers, programs and licenses to address office technology needs. It will also field technology additions. In particular recent discussions have included upgraded survey equipment, total station or laser and estimated cost of this system is slightly over \$30,000. There is possibility of some software to utilize the equipment more effectively. CADD has been part of the discussion. It is part of current plan that a 0.5 FTE tech will be added (who will also work on WCA). The survey equipment would allow for more independent surveying. Additional funds would be added to 2016 funds for purchase of computer/software upgrades for current and additional staff. Hire of a part-time admin. assistant was recently approved.</p> <p>2015 to 2025 Wabasha County LWM Plan To include, but not limited to all priority concerns listed in plan. Soil Erosion, Nutrient & Manure Management, SSTS/Wells/Groundwater, Forest and Pasture Land, Watershed Management, and Urban Issues.</p>		
<p>Category</p>	<p>SUPPLIES/EQUIPMENT</p>		
<p>Start Date</p>	<p>6-Mar-17</p>	<p>End Date</p>	
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>2017: Total station/survey equipment was purchased as shown in expenditures.</p>		

Grant Activity - Soil Erosion - 2017 Vehicle purchase

<p>Description</p>	<p>Funds will be added to FY2016 funds for vehicle purchase purpose. Provide vehicle to increase staff capacity to implement projects in Wabasha County.</p> <p>2015-2025 Wabasha County LWM Plan Soil Erosion Objective 1: Provide technical and financial assistance to Wabasha County landowners who are interested in reducing erosion and sediment by implementing management practices thereby contributing to the effort to improve water quality.</p>		
<p>Category</p>	<p>SUPPLIES/EQUIPMENT</p>		
<p>Start Date</p>	<p>6-Mar-17</p>	<p>End Date</p>	<p>31-Dec-17</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>funds were expended to pay for part of the total expense of a Hyundai Tucson. The rest was paid with 2016 Capacity funds.</p>		

Grant Activity - Soil Erosion- 2017 Cost Share Assistance

Description	<p>Funds will be used to cost share the installation of practices consistent with the BWSR State Cost-Share Program Policy in Wabasha County. Practices may include Grade Stabilization Structure (410), Water and Sediment Control Basin (638, Grassed Waterway (412) or other practices as determined by the technician, TSA engineer, or USDA NRCS technicians and engineers.</p> <p>2015-2025 Wabasha County LWM Plan . Contracts with a flat rate payment for cover crops will be offered and will be consistent with the Non-Structural Land Management Practice Implementation Plan approved by the SWCD Board and BWSR, as well as the SWCD Local Policy</p> <p>Objective 1: Provide technical and financial assistance to Wabasha County landowners who are interested in reducing erosion and sediment by implementing management practices thereby contributing to the effort to improve water quality. Action Item 1b: Seek funding and landowner interest to install 5 seeded acres of waterways, 5 structures, 1 terrace and 3 WASCOB systems per year.</p>		
Category	AGRICULTURAL PRACTICES		
Start Date	19-Mar-17	End Date	
Has Rates and Hours?	No		
Actual Results	In 2017 five cost share contracts for a total of 20 acres each (100 total acres) for Cover Crops were implemented and the 1st year was paid. 2016 Capacity cost share was used for other eligible practices. New technical staff are in process of planning with DM and DC for piggyback funding EQIP projects and other projects that did not rank with NRCS		

Activity Action - Tom Miller 17-Capacity-1			
Practice	340 - Cover Crop	Count of Activities	1
Description	Oats, rye - drilled		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	20.00 AC	Installed Date	30-Sep-17
Mapped Activities	4 Polygon(s)		

Final Indicator for Tom Miller 17-Capacity-1			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	93.13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Gorman Creek		
Final Indicator for Tom Miller 17-Capacity-1			
Indicator Name	SOIL (EST. SAVINGS)	Value	16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)

Waterbody	Gorman Creek		
Final Indicator for Tom Miller 17-Capacity-1			
Indicator Name	SEDIMENT (TSS)	Value	69.34
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Gorman Creek		

Activity Action - Bryton Miller 17-Capacity-2			
Practice	340 - Cover Crop	Count of Activities	1
Description	Oats, rye-drilled		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	20.00 AC	Installed Date	28-Sep-17
Mapped Activities	6 Polygon(s)		

Final Indicator for Bryton Miller 17-Capacity-2			
Indicator Name	Total Suspended Solids (TSS)	Value	37.16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Snake Creek		

Final Indicator for Bryton Miller 17-Capacity-2			
Indicator Name	SOIL (EST. SAVINGS)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Gorman Creek		

Final Indicator for Bryton Miller 17-Capacity-2			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	46.94
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Snake Creek		

Final Indicator for Bryton Miller 17-Capacity-2			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	18.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Gorman Creek		

Final Indicator for Bryton Miller 17-Capacity-2			
Indicator Name	Total Suspended Solids (TSS)	Value	18.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Gorman Creek		

Final Indicator for Bryton Miller 17-Capacity-2			
Indicator Name	SOIL (EST. SAVINGS)	Value	10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)

Waterbody	Snake Creek
------------------	-------------

Activity Action - Jeremy Holst 17-Capacity-3			
Practice	340 - Cover Crop	Count of Activities	1
Description	3 mixes used: triticale, rye fields. 4,9,10 (10.3 acres); triticale, turnips, oats, rye field 8 (3.2 acres); radish, oats field 14 (10 acres) 20 acre limit, recommendations provided for 23.5 and landowner implemented extra 3.5		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	23.50 AC	Installed Date	29-Sep-17
Mapped Activities	3 Polygon(s)		

Final Indicator for Jeremy Holst 17-Capacity-3			
--	--	--	--

Indicator Name	SOIL (EST. SAVINGS)	Value	24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Spring Creek		

Final Indicator for Jeremy Holst 17-Capacity-3			
--	--	--	--

Indicator Name	Total Suspended Solids (TSS)	Value	11.08
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Spring Creek		

Final Indicator for Jeremy Holst 17-Capacity-3			
--	--	--	--

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	15.66
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Spring Creek		

Activity Action - Dalon Miller			
Practice	340 - Cover Crop	Count of Activities	1
Description	Oats, rye-drilled		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	20.00 AC	Installed Date	29-Sep-17
Mapped Activities	3 Polygon(s)		

Final Indicator for Dalon Miller			
----------------------------------	--	--	--

Indicator Name	SOIL (EST. SAVINGS)	Value	16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Gorman Creek		

Final Indicator for Dalon Miller			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	50.63
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Gorman Creek		
Final Indicator for Dalon Miller			
Indicator Name	Total Suspended Solids (TSS)	Value	32.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Gorman Creek		

Activity Action - Larry Mischke 17-Capacity-6			
Practice	340 - Cover Crop	Count of Activities	1
Description	wheat, rye-drilled		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	20.00 AC	Installed Date	16-Oct-17
Mapped Activities	1 Polygon(s)		

Final Indicator for Larry Mischke 17-Capacity-6			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	26.97
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Zumbro River		

Final Indicator for Larry Mischke 17-Capacity-6			
Indicator Name	SOIL (EST. SAVINGS)	Value	14.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Zumbro River		

Final Indicator for Larry Mischke 17-Capacity-6			
Indicator Name	Total Suspended Solids (TSS)	Value	15.52
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Zumbro River		

Grant Attachments

Document Name	Document Type	Description
2017 SWCD Local Capacity Services	Grant Agreement	2017 SWCD Local Capacity Services - Wabasha SWCD
2017 SWCD Local Capacity Services executed	Grant Agreement	2017 SWCD Local Capacity Services - Wabasha SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2018

Document Name	Document Type	Description
NLMP Implementation Plan Request Form	Journal	Journal Dated - 07/05/2017
NLMP Implementation Plan Request Form	Grant	2017 - SWCD Local Capacity Services (Wabasha SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 07/05/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/23/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/05/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/16/2018