



Grant All-Detail Report SWCD Local Capacity Services 2016

Grant Title - 2016 - SWCD Local Capacity Services (Wabasha SWCD)

Grant ID - P16-8533

Organization - Wabasha SWCD

Grant Awarded Amount	\$125,337.00	Grant Execution Date	4/19/2016
Required Match Amount	\$0.00	Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Terri Peters

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$125,337.00	\$88,176.18	\$37,160.82
Total Match Amount	\$7,210.00	\$8,386.25	\$-1,176.25
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$132,547.00	\$96,562.43	\$35,984.57

*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
FY2016 - Soil Erosion: Administration/Coordination	Administration /Coordination	Current State Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)	\$2,000.00	\$1,789.01	9/30/2017	N
FY2016 - Soil Erosion: Contour/Strip Cropping	Agricultural Practices	Current State Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)	\$7,500.00			N
FY2016 - Soil Erosion: Cover Crop (Wabasha SWCD) Cost Share	Agricultural Practices	Current State Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)	\$12,600.00	\$7,800.00	11/28/2017	N
FY2016 - Soil Erosion: Grassed Waterways	Agricultural Practices	Current State Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)	\$27,500.00	\$13,491.25	9/19/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
FY2016 - Soil Erosion: Grassed Waterways	Agricultural Practices	Landowner Fund	Cost Share Match	\$7,210.00	\$8,386.25	9/18/2017	Y
FY2016 - Soil Erosion: Staff Training	Administration /Coordination	Current State Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)	\$19,237.00	\$19,237.00	10/31/2017	N
FY2016 - Soil Erosion: Technical Services	Technical/Engineering Assistance	Current State Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)	\$24,500.00	\$24,500.00	5/31/2017	N
FY2016 - Soil Erosion: Technology Upgrades, Supplies, Equipment	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)	\$10,000.00	\$1,473.00	6/30/2016	N
FY2016 - Soil Erosion: Vegetated Buffers	Streambank or Shoreline Protection	Current State Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)	\$0.00			N
FY2016 Soil Erosion: Outreach and Education	Education/Information	Current State Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)	\$7,000.00	\$4,885.92	6/30/2017	N
FY2016 Soil Erosion: Vehicle Purchase	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)	\$15,000.00	\$15,000.00	4/25/2017	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	2	1	2300 LINEAR FEET	2300 LINEAR FEET
412 - Grassed Waterway and Swales	1	1	869 LINEAR FEET	869 LINEAR FEET
330 - Contour Farming	1	3	250 AC	194 AC
412 - Grassed Waterway and Swales	1	1	850 LINEAR FEET	850 LINEAR FEET
340 - Cover Crop	7	6	20 AC	20 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)	620.79	TONS/YR
PHOSPHORUS (EST. REDUCTION)	506.97	LBS/YR
SOIL (EST. SAVINGS)	1,158.39	TONS/YR

Grant Activity

Grant Activity - FY2016 - Soil Erosion: Administration/Coordination

Description	FY2016 - Soil Erosion: Administration/Coordination: 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. 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.		
Category	ADMINISTRATION/COORDINATION		
Start Date	19-Apr-16	End Date	
Has Rates and Hours?	No		
Actual Results	2016: DM nearly 21.9 hrs. @ \$63.59 to administer program. Tracking, reporting, staff guidance and communications and assisting with contracts. 2017: Staff administrative time for SWCD operational functions. Hours reported monthly in expense actions.		

Grant Activity - FY2016 - Soil Erosion: Contour/Strip Cropping

Description	<p>As approved by the SWCD Board, local cost share program following State Cost Share Policy for landowners interested in installing (330) and (585)contour/strip cropping practice(s). Payment rate at \$25/acre payment for contour strip cropping and \$15/acre payment for contouring only and would have a lifespan of 3 years.</p> <p>2015-2025 Wabasha County LWM Plan 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 1c: Seek funding to create cost share program and work with landowners to install 250 acres of contours/strip cropping annually.</p>		
Category	AGRICULTURAL PRACTICES		
Start Date	19-Apr-16	End Date	
Has Rates and Hours?	No		
Actual Results	<p>2016: Outreach to implement contour strip crops took place in 2016 and there was pre-contour work done. No contracts have yet been signed.</p> <p>2017: 1 contract signed and technical work done for approx. 250 acres contour strip cropping with 1 landowner. Finalization of work and payment anticipated for 2018.</p>		

Activity Action - Kevin Siewert 16-Cap-CSC-7			
Practice	330 - Contour Farming	Count of Activities	1
Description	Contour strip cropping 330-585		
Proposed Size / Units	250.00 AC	Lifespan	3 Years
Actual Size/Units	194.00 AC	Installed Date	
Mapped Activities	3 Polygon(s)		

Final Indicator for Kevin Siewert 16-Cap-CSC-7			
Indicator Name	SEDIMENT (TSS)	Value	70.01
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Zumbro River		

Final Indicator for Kevin Siewert 16-Cap-CSC-7			
Indicator Name	SOIL (EST. SAVINGS)	Value	171.60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)

Waterbody	Zumbro River		
Final Indicator for Kevin Siewert 16-Cap-CSC-7			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	105.24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Zumbro River		
Final Indicator for Kevin Siewert 16-Cap-CSC-7			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	96.38
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	West Albany Creek		
Final Indicator for Kevin Siewert 16-Cap-CSC-7			
Indicator Name	SOIL (EST. SAVINGS)	Value	80.60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	West Albany Creek		
Final Indicator for Kevin Siewert 16-Cap-CSC-7			
Indicator Name	SEDIMENT (TSS)	Value	65.20
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	West Albany Creek		

Grant Activity - FY2016 - Soil Erosion: Cover Crop (Wabasha SWCD) Cost Share

Description	FY2016 - Soil Erosion: Cover Crop Cost Share As approved by the SWCD Board, local cost share program for landowners interested in installing cover crops. Guidance for NRCS Practice Standard 340 will be followed generally and modified with the following: Program will pay an annual payment of \$30/acre and 2 or more species must be utilized. The first 2 years must be on the same location in same field and the last year could be in a different location if rotation is a limitation. However, the amount of acres must be the same. Payment will be made annually following planting check. If project begins in 2017, final year would be made prior to final planting and prior to expiration of grant. Project will have a 3 year lifespan with the goal of landowner adoption. Limit approximately 20 acres per landowner. Landowners/Operators approved for contracts must agree to attend a Soil Health Educational Event provided by the District. 2015-2025 Wabasha County 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.		
Category	AGRICULTURAL PRACTICES		
Start Date	19-Apr-16	End Date	
Has Rates and Hours?	No		
Actual Results	2016: 7 landowners signed up for 3 year cover crop practice cost share (Practice 340) at 20 acres each = total of 140 acres. All planted and were paid for 1st year practice. 2017: Landowners were paid 2nd year payments in 3 year contract commitment for cover crops planted (340). 1 landowner contract was extended for an extra year that did not get crops off in time for planting. Will complete over 2018 and 2019 and be paid according to agreement as discussed with BWSR staff. (Amendment in file) Which leaves 120 acres cover crops planted.		

Activity Action - Dan Wagner 16-CapacityCC-1			
Practice	340 - Cover Crop	Count of Activities	1
Description	2 species cover crop		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	20.00 AC	Installed Date	15-Nov-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Dan Wagner 16-CapacityCC-1			
Indicator Name	SOIL (EST. SAVINGS)	Value	28
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Zumbro River		

Final Indicator for Dan Wagner 16-CapacityCC-1			
Indicator Name	SEDIMENT (TSS)	Value	20.14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Zumbro River		
Final Indicator for Dan Wagner 16-CapacityCC-1			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	30.59
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Zumbro River		

Activity Action - Chuck Fick 16-CapacityCC-2			
Practice	340 - Cover Crop	Count of Activities	1
Description	2 species cover crop		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	20.00 AC	Installed Date	8-Nov-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Chuck Fick 16-CapacityCC-2			
Indicator Name	SEDIMENT (TSS)	Value	30.85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Long Creek		
Final Indicator for Chuck Fick 16-CapacityCC-2			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	59.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Long Creek		
Final Indicator for Chuck Fick 16-CapacityCC-2			
Indicator Name	SOIL (EST. SAVINGS)	Value	34.32
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Long Creek		

Activity Action - Tom Miller 16-CapacityCC-3			
Practice	340 - Cover Crop	Count of Activities	1
Description	2 Species Cover Crop		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	20.00 AC	Installed Date	15-Nov-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Tom Miller 16-CapacityCC-3			
Indicator Name	SEDIMENT (TSS)	Value	50.31
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Gorman Creek		

Final Indicator for Tom Miller 16-CapacityCC-3			
Indicator Name	SOIL (EST. SAVINGS)	Value	60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Gorman Creek		

Final Indicator for Tom Miller 16-CapacityCC-3			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	69.42
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Gorman Creek		

Activity Action - Dean Klein 16-CapacityCC-4			
Practice	340 - Cover Crop	Count of Activities	1
Description	2-Species Cover Crop		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	20.00 AC	Installed Date	10-Nov-16
Mapped Activities	2 Polygon(s)		

Final Indicator for Dean Klein 16-CapacityCC-4			
Indicator Name	SEDIMENT (TSS)	Value	1.15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Spring Creek		

Final Indicator for Dean Klein 16-CapacityCC-4			
Indicator Name	SOIL (EST. SAVINGS)	Value	1.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Spring Creek		

Final Indicator for Dean Klein 16-CapacityCC-4			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Spring Creek		

Activity Action - Erik Klein 16-CapacityCC-5			
Practice	340 - Cover Crop	Count of Activities	1
Description	2 species cover crop		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	20.00 AC	Installed Date	10-Nov-16
Mapped Activities	3 Polygon(s)		

Final Indicator for Erik Klein 16-CapacityCC-5			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Spring Creek		

Final Indicator for Erik Klein 16-CapacityCC-5			
Indicator Name	SEDIMENT (TSS)	Value	.46
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Spring Creek		

Final Indicator for Erik Klein 16-CapacityCC-5			
Indicator Name	SOIL (EST. SAVINGS)	Value	.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Spring Creek		

Activity Action - Bill Miller 16-CapacityCC-6			
Practice	340 - Cover Crop	Count of Activities	1
Description	2 species cover crop		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	20.00 AC	Installed Date	10-Nov-16
Mapped Activities	3 Polygon(s)		

Final Indicator for Bill Miller 16-CapacityCC-6			
Indicator Name	SEDIMENT (TSS)	Value	2.49
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	West Indian Creek		

Final Indicator for Bill Miller 16-CapacityCC-6			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4.11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	West Indian Creek		
Final Indicator for Bill Miller 16-CapacityCC-6			
Indicator Name	SOIL (EST. SAVINGS)	Value	2.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	West Indian Creek		

Activity Action - Lars Polson 16-CapacityCC-8			
Practice	340 - Cover Crop	Count of Activities	1
Description	2 species cover crop		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	20.00 AC	Installed Date	15-Nov-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Lars Polson 16-CapacityCC-8			
Indicator Name	SEDIMENT (TSS)	Value	1.51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Zumbro River		
Final Indicator for Lars Polson 16-CapacityCC-8			
Indicator Name	SOIL (EST. SAVINGS)	Value	1.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Zumbro River		
Final Indicator for Lars Polson 16-CapacityCC-8			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Zumbro River		

Grant Activity - FY2016 - Soil Erosion: Grassed Waterways

Description	FY2016 - Soil Erosion: Grassed Waterways To provide SWCD Board approved cost share, following State Cost Share Policy, to landowners who are interested in installing (412) Grassed Waterways for erosion control. 2015-2025 Wabasha County LWM Plan 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 landowner interest to install 5 seeded acres of waterways...		
Category	AGRICULTURAL PRACTICES		
Start Date	19-Apr-16	End Date	
Has Rates and Hours?	No		
Actual Results	In 2016 3 grassed waterway systems (412) installed. 2 contracts have been paid. They treat a total of 231 acres at a total cost of \$19,200. Cost share payments on the 3 are \$11,875. Sediment saved 103.92 T/yr., Soil saved 606.51 T/yr., phosphorous saved 103.92 lbs./yr. An additional waterway was completed and paid in 2017 and the 3rd waterway constructed in 2016 was paid in 2017. See indicators reported for details.		

Activity Action - Wayne Evers 16-Capacity-1			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed waterway to treat 171 drainage acres.		
Proposed Size / Units	2,300.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	2,300.00 LINEAR FEET	Installed Date	20-Sep-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Wayne Evers 16-Capacity-1			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	26.69
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Spring Creek		

Final Indicator for Wayne Evers 16-Capacity-1			
Indicator Name	SEDIMENT (TSS)	Value	130.33
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)

Waterbody	Spring Creek		
Final Indicator for Wayne Evers 16-Capacity-1			
Indicator Name	SOIL (EST. SAVINGS)	Value	130.33
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Spring Creek		

Activity Action - Phil Evers 16-Capacity-2			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed waterway treating 45 drainage acres		
Proposed Size / Units	2,300.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	2,300.00 LINEAR FEET	Installed Date	20-Sep-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Phil Evers 16-Capacity-2			
Indicator Name	SEDIMENT (TSS)	Value	45.42
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Miller Creek		

Final Indicator for Phil Evers 16-Capacity-2			
Indicator Name	SOIL (EST. SAVINGS)	Value	305.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Miller Creek		

Final Indicator for Phil Evers 16-Capacity-2			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	45.42
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Miller Creek		

Activity Action - Tom Miller 16-Capacity-3			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed waterway treating 15 drainage acres		
Proposed Size / Units	850.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	850.00 LINEAR FEET	Installed Date	23-May-17
Mapped Activities	1 Polygon(s)		

Final Indicator for Tom Miller 16-Capacity-3			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	31.81
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Gorman Creek		
Final Indicator for Tom Miller 16-Capacity-3			
Indicator Name	SEDIMENT (TSS)	Value	31.81
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Gorman Creek		
Final Indicator for Tom Miller 16-Capacity-3			
Indicator Name	SOIL (EST. SAVINGS)	Value	171.11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Gorman Creek		

Activity Action - Tom Miller 16-Capacity-5			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed Waterway D.A. 16.9 acres		
Proposed Size / Units	869.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	869.00 LINEAR FEET	Installed Date	26-Sep-17
Mapped Activities	1 Polygon(s)		

Final Indicator for Tom Miller 16-Capacity-5			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	31.81
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Gorman Creek		
Final Indicator for Tom Miller 16-Capacity-5			
Indicator Name	SOIL (EST. SAVINGS)	Value	171.11

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Gorman Creek		
Final Indicator for Tom Miller 16-Capacity-5			
Indicator Name	SEDIMENT (TSS)	Value	171.11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Gorman Creek		

Grant Activity - FY2016 - Soil Erosion: Staff Training			
Description	<p>FY2016 - Soil Erosion: Staff Training Staff Training Make efforts to ensure staff are trained and have required levels of TA to provide appropriate landowner assistance for new programs, to manage with current programs, and provide the skills necessary to make technological decisions for process improvements.</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>2010-2025 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	19-Apr-16	End Date	31-Dec-17
Has Rates and Hours?	No		
Actual Results	<p>2016: Funds were used for various trainings. NRCS's conservation planning and day trainings offered by area NRCS office. Some was used for the MASWCD leadership training and also for staff to attend BWSR Academy. Staff time reported: Lead DT 28 hrs. @ \$51.10, DT 73.25 @ \$39.70, AIS/Eco Tech 29 @ \$48.90, DM 94.75 @ \$63.59.</p> <p>2017: Staff time and expenses reported in expenditures for training opportunities. Most were BWSR Academy and other BWSR, MASWCD, and NRCS training opportunities. New staff were hired in October and some time was reported on-boarding and training with in-office and area staff.</p>		

Grant Activity - FY2016 - Soil Erosion: Technical Services

<p>Description</p>	<p>FY2016 - Soil Erosion: Technical Services</p> <p>2015-2025 Wabasha County LWM Plan</p> <p>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 service when there is not other program funding to cover.</p>		
<p>Category</p>	<p>TECHNICAL/ENGINEERING ASSISTANCE</p>		
<p>Start Date</p>	<p>19-Apr-16</p>	<p>End Date</p>	<p>31-May-17</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>2016: Staff time was spent on work with NRCS on federal projects not covered by other programs and for work on the MRLP projects with Goodhue for extra time not funded. For MRLP 2 basins were treating 37 acres at total cost of \$35,508. Cost share paid was \$29,918. Assistance was also provided on I&E's for 4 waterways, 5 (410) grade stab. structures and 1 (410) grade stab. repair, & 1 (527) sinkhole. Survey and design assistance for a rock chute (part of 410), (527) sinkhole and a (410) grade stab. CRP seeding (327) and nutrient mgmt. assistance to landowners and assistance with invasive species mgmt. (314), 1 (580)streambank stabilization survey and assistance for 3 manure storage facilities (313)</p> <p>Staff time reported in expenditures.</p> <p>2017: Staff hours spent as reported monthly in expenditures. Staff time with landowners on projects using state cost share sources, landowner communications, project survey and design. Could include work on the following soil erosion prevention projects: Contour strip cropping TA provided by staff not using cost share funding and with NRCS EQIP, CRP, CSP contracts. Total of approx. 1167 acres contour/strip cropping for FY16 and 17, approx. 813 acres of cover crops planted and/or inspected; 8 waterways completed, in contract or pending; 1 terrace pending, 3 sediment control basins/systems completed and 2 in process on MRLP projects with Goodhue. Assistance on forestry or ecological practices provided to NRCS.</p>		

Grant Activity - FY2016 - Soil Erosion: Technology Upgrades, Supplies, Equipment

<p>Description</p>	<p>FY2016 - Soil Erosion: Technology Upgrades</p> <p>Office and field supplies and equipment needed for buffer layout, design and surveys and conservation practice implementation, as well as replacing outdated and vulnerable technology to provide efficient tracking, reporting, and bookkeeping resources for each program as well as portable devices for educational and field events. Portable GIS devices, tablets, laptop computers are all examples of possible technology upgrades. This would also include supplies and equipment needed to complete grant work.</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>19-Apr-16</p>	<p>End Date</p>
<p>Has Rates and Hours?</p>	<p>No</p>	
<p>Actual Results</p>	<p>In 2016, a new computer was purchased for administrative/operational functions. Considering adding with 2017 funds for purchase of survey equipment.</p> <p>In 2017 new laptops were purchased for 2 new technicians to replace outdated PCs. New computers will have capabilities for use with survey technology, AutoCAD and be portable for field use, if necessary. The payment for these was made in 2018 and will be included in reporting in 2018.</p>	

Grant Activity - FY2016 - Soil Erosion: Vegetated Buffers

<p>Description</p>	<p>FY2016 Soil Erosion: Vegetated Buffers As approved by the SWCD Board using State Cost Share Policy, a local cost share program for landowners interested in establishing perennial vegetation on their shorelines or between fields and woodlands or road ditches to vegetative planting. Possible practices to be utilized but not limited to are (327) Conservation Cover, (391) Riparian Forest Buffer or (342) Critical Area Planting.</p> <p>2015-2025 Wabasha County LWM Plan</p> <p>Soil Erosion Objective 1: Provide technical and financial assistance to landowners interested in reducing erosion and sediment by implementing management practices thereby contributing to the effort to improve water quality</p>		
<p>Category</p>	<p>STREAMBANK OR SHORELINE PROTECTION</p>		
<p>Start Date</p>	<p>19-Apr-16</p>	<p>End Date</p>	<p>31-Dec-17</p>
<p>Has Rates and Hours?</p>	<p>No</p>		
<p>Actual Results</p>	<p>2016: Program was offered to landowners as assistance establishing buffers. NRCS practice standards were reviewed and various practices were offered to landowners to establish vegetation. No contracts have been signed at the end of 2016. Efforts will continue or funding will be reassigned. To be determined.</p> <p>2017: Decision was made to move funds into another category as there was other funding sources for vegetative establishment and not as many landowners were taking advantage of this particular practice.</p>		

Grant Activity - FY2016 Soil Erosion: Outreach and Education

Description	FY2016 Soil Erosion: Outreach and Education To include, but not limited to coverage of costs of tours, educational events and field days, promotional events and materials, advertising, newsletters and media. 2015 to 2025 Wabasha County LWM Plan To include, but not limited to outreach and education Action Item 1a: (under Objective 1 for Soil Erosion) Continue to work with Wabasha County landowners, residents and youth to provide information, education, and options to reduce soil erosion and improve water quality. Tools to be used are landowner personal contacts, educational events, media and public outreach.		
Category	EDUCATION/INFORMATION		
Start Date	19-Apr-16	End Date	
Has Rates and Hours?	No		
Actual Results	2016: No time was yet reported to this category. 2017: A pasture and grazing group was organized and met in Plainview. Landowner interest in vegetative management and hay ground was assessed as well as other conservation practices. Future project interest was noted at the time for contact. Radio advertising prior to Family Night on the Farm and outreach at that event. Native seed packets were purchased for distribution at educational events. See Expenditures.		

Grant Activity - FY2016 Soil Erosion: Vehicle Purchase

Description	FY2016 Soil Erosion Activity- Vehicle Purchase		
	Provide vehicle to increase staff capacity to implement projects in Wabasha County. Cost will be supplemented with funds from FY2016 Buffer Implementation Grant		
	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.		
Category	SUPPLIES/EQUIPMENT		
Start Date	19-Apr-16	End Date	31-Dec-17
Has Rates and Hours?	No		
Actual Results	As of 12/31/2016 another vehicle has not been added.		
	2017: Purchase of Hyundai Tucson (reported in expenditures) 2017 Capacity funds were used in purchase, also.		

Grant Attachments

Document Name	Document Type	Description
2016 SWCD Local Capacity Services	Grant Agreement	2016 SWCD Local Capacity Services - Wabasha SWCD
2016 SWCD Local Capacity Services executed	Grant Agreement	2016 SWCD Local Capacity Services - Wabasha SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/09/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/01/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/13/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/09/2018
Amendment executed	Grant Agreement	2016 SWCD Local Capacity Services - Wabasha SWCD
Financial Report 4/25/2017	Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)
P16-8533 Checklist	Journal	Journal Dated - 05/01/2017

Document Name	Document Type	Description
SWCD Capacity Amendment - Wabasha SWCD.docx	Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 04/18/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 09/14/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/21/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/27/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 07/15/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 04/12/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 05/02/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 04/04/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/30/2015
Workplan Approval	Grant	2016 - SWCD Local Capacity Services (Wabasha SWCD)