



## Grant All-Detail Report SWCD Local Capacity Services 2017

**Grant Title** - 2017 - SWCD Local Capacity Services (Waseca SWCD)

**Grant ID** - P17-1315

**Organization** - Waseca SWCD

<b>Grant Awarded Amount</b>	<b>\$100,000.00</b>	<b>Grant Execution Date</b>	<b>3/6/2017</b>
<b>Required Match Amount</b>	\$0.00	<b>Grant End Date</b>	12/31/2019
<b>Required Match %</b>	0%	<b>Grant Day To Day Contact</b>	Eric Gulbransen

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$100,000.00	\$31,253.02	\$68,746.98
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$2,481.00	\$0.00	\$2,481.00
<b>Total</b>	<b>\$102,481.00</b>	<b>\$31,253.02</b>	<b>\$71,227.98</b>

\*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
County Aerial Imagery	Inventory/Mapping	Current State Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)	\$5,000.00	\$5,000.00	8/11/2017	N
Employee	Agricultural Practices	Current State Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)	\$70,200.00	\$14,951.68	9/30/2017	N
Tablet and Data Support	Planning and Assessment	Current State Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)	\$19.00			N
Tablet and Data Support	Planning and Assessment	Other Funds	2017 - Buffer Law (Waseca SWCD)	\$2,481.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Water Monitoring Equipment	Supplies/Equipment	Current State Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)	\$12,181.00	\$8,068.00	3/16/2017	N
Water Quality Monitoring	Monitoring/Data Collection	Current State Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)	\$12,600.00	\$3,233.34	9/30/2017	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 - County Aerial Imagery

<b>Description</b>	<p>County Aerial Imagery</p> <p>High quality imagery is needed to locate and identify sensitive areas susceptible to erosion. This will allow more accurate and up to date information to make assessments and show producers potential problem areas.</p> <p>Waseca County Local Water Management Plan- Objective 5 page 45. Properly manage stormwater runoff. Objective 4 page 45. Reduce erosion and sediment loading of surface water resources.</p> <p>page 51 item 29. Regulations. Ensure existing wetlands are protected through the enforcement of existing State and Federal regulations, including the Minnesota Wetland Conservation Act and Swampbuster.</p> <p>page 53 item 38. Target drainage networks best fit for conservation-practice placement utilizing the Agricultural Conservation Planning Framework Toolbox across the County. Initiate conservation practices on 5% of identified best fit areas by September, 2018.</p> <p>Action/Implementation- Use areal imagery to identify sensitive areas of concern to address erosion concerns and compliance issues.</p> <p>The funds will give us access to current year photography. This includes hard copies of aerial photography for in person meetings as well as an online database from multiple angles to compare side by side in previous years. We currently don't have access to anything newer than 2015 photography. This is important as we are currently having office visits for people with erosion and buffer concerns. The current year pictures are important to provide the most current status of the landscape to view.</p>
<b>Category</b>	INVENTORY/MAPPING
<b>Start Date</b>	<b>End Date</b>
<b>Has Rates and Hours?</b>	No
<b>Actual Results</b>	August 11, 2017-Invoice pair to Waseca County for Aerial Imagery-3 yr license

Grant Activity - Employee			
<b>Description</b>	<p>\$27/hr for parttime employment over a 2.5 year period totaling \$70,200 for term of grant. Additional staff will be used to update and re-organize landowner records, land use, past practices, and land treatment needs. This will improve efficiency in land use needs, targeting, and prioritizing future conservation activities. Waseca County Local Water Management Plan objective 4: Reduce erosion and sediment loading of surface water resources. Provide technical and financial assistance to address stream bank, ravine stabilization, and in-channel practices to control sloughing.</p> <p>page 53 item 38. Target drainage networks best fit for conservation-practice placement utilizing the Agricultural Conservation Planning Framework Toolbox across the County. Initiate conservation practices on 5% of identified best fit areas.</p> <p>page 52 item 32. Achieve 22,700 new adoption acres of conservation tillage and 8,900 new adoption acres of cover crops in Le Sueur River Watershed to act as part of WRAPS 10-year 5% reduced flow goal.</p> <p>Action/implementation- Provide education to landowners on BMP's for controlling erosion. Provide efficiency on tracking needs and targeting future projects.</p>		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	6-Mar-17	<b>End Date</b>	31-Dec-19
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	<p>2017</p> <p>July 1 2017-September 30 2017 Cheri Brummund 224 hours @ \$31.25 = \$7000.00 administrative</p> <p>April 1 2017-June 30 2017 Cheri Brummund 224 hours @ \$31.25 = \$7000.00 administrative</p> <p>March 10,2017- March 31 2017 Cheri Brummund 32 hours @ \$29.74 = \$951.68 administrative</p>		

**Grant Activity - Tablet and Data Support**

<p><b>Description</b></p>	<p>Total for Tablet and Support \$2500.00 . \$19.00 to come from Capacity and remaining \$2481.00 to come out of 2017 Buffer Grant. Tablet and Data Support                  Tablet and data will allow infield access to information when implementing conservation activities with landowners. Waseca County Local Water Management Plan- Objective 4 page 45. Reduce erosion and sediment loading of surface water resources.                  page 57 item 53. Provide educational and technical assistance as available, to landowners for the implementation of water quality-related BMPs, such as stormwater retention practices, lakescaping, and vegetative buffer strips.                  page 52 item 35. Address WCA no-loss cases with practices including erosion control measures, BMPs, and water resource protection measures.                  page 51 item 28. Ensure installation of 16.5 ft minimum width vegetative buffer strips or alternative practices for public ditches or non-public waters by November, 2018. Continue to inspect buffers after this deadline, and issue correction letters/administrative penalties when non-compliance is identified.                  Action/Implementation- Use on site information to make determinations and document potential issues and verify compliance.                  The data support after capacity funding will be paid for from the district general operational budget.</p>
<p><b>Category</b></p>	<p>PLANNING AND ASSESSMENT</p>
<p><b>Start Date</b></p>	<p><b>End Date</b></p>
<p><b>Has Rates and Hours?</b></p>	<p>No</p>
<p><b>Actual Results</b></p>	

**Grant Activity - Water Monitoring Equipment**

<p><b>Description</b></p>	<p>Water Monitoring Equipment  Purchase of monitoring equipment will allow staff to properly evaluate water flow, excess nutrients, and sediment loading. The total cost for initiation of the program is \$20,681 with \$8500 coming from Waseca County Planning &amp; Zoning funding. Please see attached Monitoring Plan and Justification Letter for more clarification.  Waseca County Local Water Management Plan- Objective 1 page 45. Work to monitor and assess all County waters for determination and extent of impairments. Objective 4 page 45. Reduce erosion and sediment loading of surface water resources.  page 52 item 34. Monitor County drainage system flow rates of public ditches in order to assess the use of potential technologies used to reduce flooding impacts  page 46 item 3. Continue TMDL studies on waters of Waseca County following the Intensive Watershed Monitoring approach. Create annual reporting system for MPCA and PZ offices. Develop and implement restoration measures on 25% of listed impaired waters to meet TMDLs.  Action/Implementation- By using water monitoring equipment we will gather accurate information to set baseline numbers to create future goals.</p>		
<p><b>Category</b></p>	<p>SUPPLIES/EQUIPMENT</p>		
<p><b>Start Date</b></p>	<p>8-Mar-17</p>	<p><b>End Date</b></p>	
<p><b>Has Rates and Hours?</b></p>	<p>No</p>		
<p><b>Actual Results</b></p>	<p>pd \$8068.00 Ck #10861 3/16/17 for Water Monitoring Equipment to be placed on</p>		

## Grant Activity - Water Quality Monitoring

<b>Description</b>	<p>Water Quality Monitoring- staff hours \$35/hr at 120 hours per year. over 3 yr period totaling \$12,600 for term of grant. This will be for 40 sampling events per year.</p> <p>Water monitoring is needed to asses local water ways for sediment loading and excess nutrients. This will establish baseline information to set future goals.</p> <p>Waseca County Local Water Management Plan- Objective 1 page 45. Work to monitor and assess all County waters for determination and extent of impairments.</p> <p>Objective 5 page 45. Properly manage stormwater runoff.</p> <p>page 45 item 1. Implement the Le Sueur River WRAPS 10-year targets for pollutant/stressor reduction within watershed. Conduct bi-yearly monitoring of parameters for a minimum of 70% of all watershed waters and publish 5 year updates, showing progress towards goal reductions.</p> <p>page 46 item 3. Continue TMDL studies on waters of Waseca County following the Intensive Watershed Monitoring approach. Create annual reporting system for MPCA and PZ offices. Develop and implement restoration measures on 25% of listed impaired waters to meet TMDLs.</p> <p>Action/Implantation- Monitor local water courses and educate landowners on BMP's.</p>		
<b>Category</b>	MONITORING/DATA COLLECTION		
<b>Start Date</b>		<b>End Date</b>	
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	2017 2nd qtr-Tyler Polster 53 hrs @ \$32.66/hr =\$1730.98 for water sampling @ 2 monitoring locations		

## Grant Attachments

Document Name	Document Type	Description
<b>2017 SWCD Local Capacity Services</b>	Grant Agreement	2017 SWCD Local Capacity Services - Waseca SWCD
<b>2017 SWCD Local Capacity Services executed</b>	Grant Agreement	2017 SWCD Local Capacity Services - Waseca SWCD
<b>2017-2019 Surface Water Quality Monitoring Plan</b>	Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)
<b>Invoice for Aerial Imagery</b>	Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)
<b>Justification Letter for Monitoring Equipment</b>	Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)
<b>Water Monitoring Equipment Invoice</b>	Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 03/02/2017

Document Name	Document Type	Description
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/01/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/21/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/05/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/28/2017