



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

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

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$100,000.00	\$82,151.78	\$17,848.22
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$1,998.91	\$1,998.91	\$0.00
Total	\$101,998.91	\$84,150.69	\$17,848.22

**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	Administration/Coordination	Current State Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)	\$70,219.00	\$61,693.20	1/4/2019	N
Tablet and Data Support	Planning and Assessment	Other Funds	2017 - Buffer Law (Waseca SWCD)	\$1,998.91	\$1,998.91	12/20/2018	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	\$7,390.58	1/4/2019	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 - County Aerial Imagery

Description	<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>		
Category	INVENTORY/MAPPING		
Start Date	8-Mar-17	End Date	
Has Rates and Hours?	No		
Actual Results	August 11, 2017-Invoice pair to Waseca County for Aerial Imagery-3 yr license		

Grant Activity - Employee

<p>Description</p>	<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> <p>2018-2019 Hours to be increased to 40 hours a week-fulltime.</p>		
<p>Category</p>	<p>ADMINISTRATION/COORDINATION</p>		
<p>Start Date</p>	<p>8-Mar-17</p>	<p>End Date</p>	<p>31-Dec-19</p>
<p>Has Rates and Hours?</p>	<p>Yes</p>		
<p>Actual Results</p>	<p>Administrative duties includes working with landowners on general information, entering e link information, mailings to landowners, data searching, working on website and preparation for meetings, and providing more detailed information on various conservation projects including water quality, tree plantings, policies to landowners and Board.</p> <p>2018 Rate Changes due to change in vacation, holiday and sick pay.</p> <p>2018 4th Qtr Cheri Administrative 364.71 hrs @ \$28.75 = \$10485.41</p> <p>July 1-Sept 30 2018 Cheri administrative 292.25 @ \$27.84 = \$8136.24</p> <p>April 15-June 29 2018 Cheri Administrative 321.25 @ \$27.40/hr = \$8802.25 Rate Change due to change in vacation, holiday and sick pay.</p> <p>January 1-April 14 2018 Cheri administrative 377.5 @ \$25.80 = \$9739.50 (drop in rate due to ins rate change)</p> <p>2017</p> <p>October 1 2017-December 31 2017 administrative 299 hours @ \$31.25 = \$9343.75 Cheri Brummund</p> <p>July 1 2017-September 30 2017 Cheri Brummund 237 hours @ \$31.25 = \$7406.25 administrative</p>		

April 1 2017-June 30 2017 Cheri Brummund 218.5 hours @ \$31.25 = \$6828.13 administrative
 March 10,2017- March 31 2017 Cheri Brummund 32 hours @ \$29.74 = \$951.68 administrative

Administrative duties includes working with landowners on general information, entering e link information, mailings to landowners, data searching, working on website and preparation for meetings, and providing more detailed information on various conservation projects including water quality, tree plantings, policies to landowners and Board.

Grant Activity - Water Monitoring Equipment

Description	<p>Water Monitoring Equipment</p> <p>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 & Zoning funding. Please see attached Monitoring Plan and Justification Letter for more clarification.</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. Objective 4 page 45. Reduce erosion and sediment loading of surface water resources.</p> <p>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</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/Implementation- By using water monitoring equipment we will gather accurate information to set baseline numbers to create future goals.</p>	
Category	SUPPLIES/EQUIPMENT	
Start Date	8-Mar-17	End Date
Has Rates and Hours?	No	
Actual Results	pd \$8068.00 for Water Monitoring Equipment. Invoice #27139, attached under attachments. This is for sensors and endcaps needed for the Water Monitoring Project in with Waseca County Planning and Zoning.	

Grant Activity - Water Quality Monitoring

Description	<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>		
Category	MONITORING/DATA COLLECTION		
Start Date	8-Mar-17	End Date	
Has Rates and Hours?	Yes		
Actual Results	<p>2018 Rates will change quarterly with vacation, sick and holiday pay changes. 2017 change to 2018 decrease due to insurance policy changes.</p> <p>4th qtr 2018 Tyler Polster 15.5 hours @ \$35.65/hr = \$537.08 water sampling and data collection.</p> <p>3rd qtr 2018 Mark Schaetzke 3 hours @ \$48.97/hr=\$146.91 water sampling and data collection</p> <p>3rd qtr Tyler Polster 35 hours @ \$32.95/hr=\$1153.25 water sampling and data collection</p> <p>2nd qtr \$ Tyler Polster 25 hours @ 31.71/hr= \$792.75 Water sampling and data collection</p> <p>1st qtr-Tyler Polster 10 hours @ \$30.25/hr=\$302.50 for data on sampling.</p> <p>2017</p> <p>2nd qtr-Tyler Polster 53 hrs @ \$32.66/hr =\$1730.98 for water sampling @ 2 monitoring locations</p> <p>3rd qtr-Tyler Polster 59 hrs @ \$32.66/hr=\$1926.94 for water sampling @ 2 monitoring locations</p> <p>4th qtr-Tyler Polster 24.5 hrs @ \$32.66/hr=\$800.17 for water sampling @ 2 monitoring locations</p>		

Grant Attachments

Document Name	Document Type	Description
2017 SWCD Local Capacity Services	Grant Agreement	2017 SWCD Local Capacity Services - Waseca SWCD
2017 SWCD Local Capacity Services executed	Grant Agreement	2017 SWCD Local Capacity Services - Waseca SWCD
2017-2019 Surface Water Quality Monitoring Plan	Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/09/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/23/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/24/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/23/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/12/2018
Financial Report	Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)
Invoice for Aerial Imagery	Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)
Justification Letter for Monitoring Equipment	Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)
March 2017 SWCD Board Meeting Minutes	Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)
P17-1315 Reconciliation B Checklist	Journal	Journal Dated - 01/02/2019
Water Monitoring Equipment & Service Agreement	Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)
Water Monitoring Equipment Invoice-FTS	Grant	2017 - SWCD Local Capacity Services (Waseca SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/02/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/01/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/28/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/21/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/05/2017