



# Grant All-Detail Report

## SWCD Local Capacity Services 2018

**Grant Title** - 2018 - SWCD Local Capacity Services (Todd SWCD)

**Grant ID** - P18-3815

**Organization** - Todd SWCD

<b>Original Awarded Amount</b>	<b>\$120,000.00</b>	<b>Grant Execution Date</b>	<b>9/26/2017</b>
<b>Required Match Amount</b>	\$0.00	<b>Original Grant End Date</b>	12/31/2020
<b>Required Match %</b>	0%	<b>Grant Day To Day Contact</b>	Sarah Katterhagen
<b>Current Awarded Amount</b>	\$120,000.00	<b>Current End Date</b>	12/31/2020

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$120,000.00	\$58,360.71	\$61,639.29
Total Match Amount	\$38,905.00	\$38,905.00	\$0.00
Total Other Funds	\$425,000.00	\$259,283.54	\$165,716.46
<b>Total</b>	<b>\$583,905.00</b>	<b>\$356,549.25</b>	<b>\$227,355.75</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
Animal Agriculture BMPs	Livestock Waste Management	Other Funds	Grant Cash	\$50,000.00	\$40,029.35	10/10/2019	Y
Animal Agriculture BMPs	Livestock Waste Management	Other Funds	Lake Osakis Minor Watershed Nutrient Reduction	\$280,000.00	\$154,767.99	10/10/2019	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Animal Agriculture BMPs	Livestock Waste Management	Other Funds	Landowner	\$95,000.00	\$64,486.20	10/10/2019	Y
Engineering Assistance	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Todd SWCD)	\$5,000.00	\$5,000.00	10/31/2019	N
Engineering Assistance	Technical/Engineering Assistance	Local Fund	County Match	\$5,000.00	\$5,000.00	12/31/2018	Y
Excess Nutrients - Technical Assistance	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Todd SWCD)	\$8,550.55	\$1,807.35	12/31/2019	N
Excess Nutrients Cost Share	Livestock Waste Management	Current State Grant	2018 - SWCD Local Capacity Services (Todd SWCD)	\$45,000.00	\$45,000.00	10/10/2019	N
Riparian Zone Management - Administration	Administration/Coordination	Current State Grant	2018 - SWCD Local Capacity Services (Todd SWCD)	\$2,000.00	\$1,642.88	12/31/2019	N
Riparian Zone Management - Administration	Administration/Coordination	Local Fund	County Match	\$18,905.00	\$18,905.00	12/31/2018	Y
Riparian Zone Management - Ed/Information	Education/Information	Current State Grant	2018 - SWCD Local Capacity Services (Todd SWCD)	\$5,000.00	\$3,117.68	12/31/2019	N
Riparian Zone Management - Technical Assistance	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Todd SWCD)	\$15,000.00	\$1,235.33	12/31/2019	N
Riparian Zone Management - Technical Assistance	Technical/Engineering Assistance	Local Fund	County Match	\$15,000.00	\$15,000.00	12/31/2018	Y
Soil Erosion - Technical Assistance	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Todd SWCD)	\$5,000.00	\$557.47	12/31/2019	N
Trimble Survey Equipment	Supplies/Equipment	Current State Grant	2018 - SWCD Local Capacity Services (Todd SWCD)	\$34,449.45			N

## Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
313 - Waste Storage Facility	1		1 COUNT	1 COUNT
312 - Waste Management System	2	2	1 COUNT	1 COUNT
360 - Closure of Waste Impoundments	1	1	0.6 AC	0.6 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
<b>BOD 5</b>	476.00	LBS/YR
<b>PATHOGENS (E. COLI)</b>	700,000,032,850,000.00	CFU
<b>NITROGEN</b>	112.00	LBS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	30.00	LBS/YR

## Grant Activity

Grant Activity - Engineering Assistance			
<b>Description</b>	Funds will be used to for engineering assistance provided by West Central Technical Service Area (WCTSA) for conservation project design, install and certification.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	1-Jan-18	<b>End Date</b>	31-Dec-19
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Report #1: 2018 QRT 1 & QRT 2: No funds spent Report #2: 12/31/2018 - No funds spent Report #3 1/29/2020- WCTSA Technical hours were utilized for engineering in one Ag Waste system which included design, survey shots, and construction oversight of a stacking slab, diversions, scrape lanes, and runoff controls.		

### Grant Activity - Excess Nutrients - Technical Assistance

<b>Description</b>	Funds will be used to assist landowners with technology to reduce excess nutrient loss to ground and surface waters. Specifically, the implementation of stalk nitrate testing and promotion of Ag Solver - GIS based methods to identify areas of field suited to conservation programs. Follow up in townships ID'ed in township nitrate testing will be a priority. Efforts will be made to develop and submit grants to target sources of groundwater nitrate - closing pits, cover crops, etc.. Improving irrigation scheduling will be a focus.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	1-Jan-18	<b>End Date</b>	31-Dec-19
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Report #1: 2018 QRT 1 and QRT 2- no funds reported Report #2 12/31/2018- no funds spent Report #3 1/29/2019: Technical hours were spent in providing data for grant submission to protect groundwater from nutrient pollution from leaking, outdated manure pits. (Grant was obtained for 2021 start up); technical staff was used in the review and construction oversight of one ag waste system; funds were used to support Benton County in an irrigation plan that includes Todd County.		

### Grant Activity - Excess Nutrients Cost Share

<b>Description</b>	Cost share will be provided to landowners willing to complete projects that will reduce nutrient losses to ground and surface waters. Practices will follow FOTG. Maximum cost share rates will be 75%.		
<b>Category</b>	LIVESTOCK WASTE MANAGEMENT		
<b>Start Date</b>	1-Jan-18	<b>End Date</b>	31-Dec-20
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	12-31-18 Two projects were approved for payment at December SWCD Board meeting including Middendorf feedlot fix and Baxter pit closure. These were paid out in 2018. 1-29-2020 A Livestock Waste Management (Manure storage/stacking slab, scraping lane, and lot diversions) was installed. This was a portion that was not covered by the MPCA 319 Grant (60% Federal cost share program) also awarded. Project was fully completed. Payout of 15% cost-share from LC18 funds was approved by the Board on 10.10.2019.		

Activity Action - Baxter Project			
Practice	360 - Closure of Waste Impoundments	Count of Activities	1
Description	Very large unlined pit. Est. to be 6559 cubic yards. Was deeper than originally thought. 10,300 cubic yards.		
Proposed Size / Units	0.60 AC	Lifespan	10 Years
Actual Size/Units	0.60 AC	Installed Date	30-Nov-18
Mapped Activities	1 Point(s)		

Final Indicator for Baxter Project			
Indicator Name	PATHOGENS (E. COLI)	Value	3.285E7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Other
Waterbody	Long Prairie River		

Activity Action - Middendorf Project			
Practice	312 - Waste Management System	Count of Activities	1
Description	Open feedlot for cattle brought up to standards.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	28-Nov-18
Mapped Activities	1 Point(s)		

Final Indicator for Middendorf Project			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Lily Lake		

Final Indicator for Middendorf Project			
Indicator Name	NITROGEN	Value	56
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Lily Lake		

Final Indicator for Middendorf Project			
Indicator Name	PATHOGENS (E. COLI)	Value	3.5E14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	MINNFARM
Waterbody	Lily		

Final Indicator for Middendorf Project			
Indicator Name	BOD 5	Value	238
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Lily Lake		

### Grant Activity - Riparian Zone Management - Administration

<b>Description</b>	Time required to administer and report activities for the Local Capacity Funds will be billed to this activity. Including processing cost share contracts etc.. Also includes management duties related to managing time sheets and coordinating daily activities.		
<b>Category</b>	ADMINISTRATION/COORDINATION		
<b>Start Date</b>	1-Jan-18	<b>End Date</b>	31-Dec-19
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Report #1: 2018 QRT 1 & QRT 2- no funds spent Report #2: 12/31/2018- No funds spent. Report #3:01/29/2020 Hours were tracked; review and processing of one cost-share contract; development of tracking time sheet and activities reporting.		

### Grant Activity - Riparian Zone Management - Ed/Information

<b>Description</b>	Activities will be supported that support proper riparian area management including an envirofest, news articles, and presentations to groups. Developing education and outreach plans and activities for reaching the public all are covered by this category.		
<b>Category</b>	EDUCATION/INFORMATION		
<b>Start Date</b>	1-Jan-18	<b>End Date</b>	
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Report #1: 2018 QRT 1 & QRT 2: No funds spent Report #2: 12/31/2018- No funds spent. Report #3; Development of riparian articles in newsletter, radio shows and one on one site visits; initial concept development for a riparian and residential program for best management practices was presented to Commissioners and approved for further development.		

**Grant Activity - Riparian Zone Management - Technical Assistance**

<b>Description</b>	These funds will support a technician that will work with landowners on the buffer requirements and finding solutions for landowners. Also includes work to develop projects in shoreland and bank erosion projects such as stream barbs and bank erosion. County match funds will help support FBAP staff implementing CRP and CREP programs and RIM in sensitive areas.	
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE	
<b>Start Date</b>	1-Jan-18	<b>End Date</b>
<b>Has Rates and Hours?</b>	Yes	
<b>Actual Results</b>	<p>Report #1: 2018 QRT 1 and QRT 2--No funds spent.</p> <p>Report #2: 12/31/2018- No funds spent.</p> <p>Report #3 01/29/2020: Lots of time was spent working with Todd County Township Meeting, City of Long Prairie, WCTSA, Long Prairie Packing, Sauk River Watershed District, Villard Township, Motley Cemetery officials, Sourcewell, and Veterans Administration in technical outreach and benefits for riparian projects along the Long Prairie River, Sauk River, and various lakes and streams throughout the County. Additional hours accounted for 74 buffer technical assistance visits and calls for landowners throughout the County.</p>	

**Grant Activity - Soil Erosion - Technical Assistance**

<b>Description</b>	Technical assistance will be provided to landowners related to soil erosion prevention and solving problems that arise between landowners. Complaints dealing with erosion will be followed up and solutions developed in the format required under the Soil Erosion Law recently passed.	
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE	
<b>Start Date</b>	1-Jan-18	<b>End Date</b>
<b>Has Rates and Hours?</b>	Yes	
<b>Actual Results</b>	<p>Report #1: 2018 QRT 1 &amp; QRT 2-- no funds spent</p> <p>Report #2: 12/31/2018- No funds spent.</p> <p>Report #3 01/29/2020- technicians assisting landowners on site visits for shoreland, bank, and field erosion throughout 2019.</p>	

## Grant Activity - Trimble Survey Equipment

<b>Description</b>	Purchase of a Trimble R12 and associated equipment. Half day of training from Frontier Precision.		
<b>Category</b>	SUPPLIES/EQUIPMENT		
<b>Start Date</b>		<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Report #1 01/29/2020- no funds spent.		

## Grant Attachments

Document Name	Document Type	Description
<b>2017 local capacity match Letter</b>	Grant	2018 - SWCD Local Capacity Services (Todd SWCD)
<b>2018 Local Capacity Grant Match Letter</b>	Grant	2018 - SWCD Local Capacity Services (Todd SWCD)
<b>2018 SWCD Capacity Amendment EXECUTED - Todd SWCD</b>	Grant	2018 - SWCD Local Capacity Services (Todd SWCD)
<b>2018 SWCD Capacity Amendment UNEXECUTED - Todd SWCD</b>	Grant	2018 - SWCD Local Capacity Services (Todd SWCD)
<b>2018/2019 Programs and Operations Grants</b>	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Todd SWCD
<b>2018/2019 Programs and Operations Grants executed</b>	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Todd SWCD
<b>Activity Details 01.29.2020</b>	Progress	Progress Dated - 01/29/2020
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/29/2020
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/05/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/30/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/15/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 10/08/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 10/04/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/31/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/24/2018
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 03/09/2018
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 12/29/2017
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 08/31/2017
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 09/28/2018
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 01/15/2019



Document Name	Document Type	Description
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 09/18/2017