



## Grant All-Detail Report SWCD Local Capacity Services 2018

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

**Grant ID** - P18-2576

**Organization** - Sherburne SWCD

Original Awarded Amount	<b>\$111,600.00</b>	Grant Execution Date	<b>12/4/2017</b>
Required Match Amount	\$0.00	Original Grant End Date	12/31/2020
Required Match %	0%	Grant Day To Day Contact	Francine Larson
Current Awarded Amount	\$111,600.00	Current End Date	12/31/2020

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$111,600.00	\$109,330.45	\$2,269.55
Total Match Amount	\$11,600.00	\$0.00	\$11,600.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$123,200.00</b>	<b>\$109,330.45</b>	<b>\$13,869.55</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
Excess Nutrients - Staff	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Sherburne SWCD)	\$26,500.00	\$26,500.00	4/30/2019	N
Riparian Zone - Staff	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Sherburne SWCD)	\$18,000.00	\$18,000.00	4/30/2019	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Riparian Zone Management - BMP Cost Share	Streambank or Shoreline Protection	Current State Grant	2018 - SWCD Local Capacity Services (Sherburne SWCD)	\$10,000.00	\$7,730.45	11/14/2019	N
Soil Erosion - Staff	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Sherburne SWCD)	\$12,000.00	\$12,000.00	4/30/2019	N
Water Storage & Treatment - Staff	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Sherburne SWCD)	\$33,500.00	\$33,500.00	4/30/2019	N
Water Storage and Treatment - Habitat Restoration & Maintenance	Forestry Practices	Current State Grant	2018 - SWCD Local Capacity Services (Sherburne SWCD)	\$11,600.00	\$11,600.00	12/31/2018	N
Water Storage and Treatment - Habitat Restoration & Maintenance	Forestry Practices	Local Fund	Sherburne County Parks Department	\$11,600.00			Y

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
342 - Critical Area Planting	1	1	0.05 AC	0.05 AC
342 - Critical Area Planting	1	2	0.01 AC	0.01 AC
342 - Critical Area Planting	1	1	0.08 AC	0.08 AC
580 - Streambank and Shoreline Protection	1	2	0.06 AC	0.06 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
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<b>SEDIMENT (TSS)</b>	1.64	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	1.39	LBS/YR

## Grant Activity

Grant Activity - Excess Nutrients - Staff			
<b>Description</b>	Technical Assistance towards projects and plans that address rural and urban water runoff and groundwater quality and quantity.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	6-Dec-17	<b>End Date</b>	31-Dec-20
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Funds are used towards technical assistance for projects and plans that address rural and urban water runoff and groundwater quality and quantity.		

Grant Activity - Riparian Zone - Staff			
<b>Description</b>	Staff time providing technical assistance on riparian zone erosion control and vegetative management.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	6-Dec-17	<b>End Date</b>	31-Dec-20
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Staff time providing technical assistance on riparian zone erosion control and vegetative management.		

Grant Activity - Riparian Zone Management - BMP Cost Share			
<b>Description</b>	Funds will be used to cost share the installation of riparian zone conservation practices		
<b>Category</b>	STREAMBANK OR SHORELINE PROTECTION		
<b>Start Date</b>	6-Dec-17	<b>End Date</b>	31-Dec-20
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds will be used to cost share the installation of riparian zone conservation practices		

Activity Action - Brist - Shoreline Restoration			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Shoreline planting with native species and coir logs. Upland native prairie on steep slope.		
Proposed Size / Units	0.06 AC	Lifespan	10 Years
Actual Size/Units	0.06 AC	Installed Date	1-Jul-19
Mapped Activities	2 Line(s)		

Final Indicator for Brist - Shoreline Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.47
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Eagle Lake		
Final Indicator for Brist - Shoreline Restoration			
Indicator Name	SEDIMENT (TSS)	Value	.55
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Eagle Lake		

Activity Action - Casper - Shoreline Restoration			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Upland native prairie planting with seed, plugs, shrubs and erosion control blanket on a steep slope along Little Elk Lake.		
Proposed Size / Units	0.08 AC	Lifespan	10 Years
Actual Size/Units	0.08 AC	Installed Date	15-Jul-19
Mapped Activities	1 Polygon(s)		

Final Indicator for Casper - Shoreline Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.31
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Little Elk Lake		
Final Indicator for Casper - Shoreline Restoration			
Indicator Name	SEDIMENT (TSS)	Value	.37
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)

<b>Waterbody</b>	Little Elk Lake
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Activity Action - Fenton - Shoreline Restoration			
<b>Practice</b>	342 - Critical Area Planting	<b>Count of Activities</b>	1
<b>Description</b>	Native shoreline planting with coir logs		
<b>Proposed Size / Units</b>	0.01 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	0.01 AC	<b>Installed Date</b>	15-Aug-19
<b>Mapped Activities</b>	2 Polygon(s)		

Final Indicator for Fenton - Shoreline Restoration			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	.50
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)
<b>Waterbody</b>	Eagle Lake		
Final Indicator for Fenton - Shoreline Restoration			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	.42
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)
<b>Waterbody</b>	Eagle Lake		

Activity Action - Fuller - Shoreline Restoration			
<b>Practice</b>	342 - Critical Area Planting	<b>Count of Activities</b>	1
<b>Description</b>	Toe stabilization with coir logs, upland planting of native seed and shrubs on lake Orono		
<b>Proposed Size / Units</b>	0.05 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	0.05 AC	<b>Installed Date</b>	30-Oct-19
<b>Mapped Activities</b>	1 Polygon(s)		

Final Indicator for Fuller - Shoreline Restoration			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	.19
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)
<b>Waterbody</b>	Lake Orono		
Final Indicator for Fuller - Shoreline Restoration			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	.22
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)

<b>Waterbody</b>	Lake Orono
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**Grant Activity - Soil Erosion - Staff**

<b>Description</b>	Staff time towards improving soil health, water retention and design of agricultural BMP's		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	6-Dec-17	<b>End Date</b>	31-Dec-20
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Staff time towards improving soil health, water retention and design of agricultural BMP's		

**Grant Activity - Water Storage & Treatment - Staff**

<b>Description</b>	Staff time towards guiding landowners and municipalities towards BMP's that increase water retention and filtration.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	6-Dec-17	<b>End Date</b>	31-Dec-20
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Staff time towards guiding landowners and municipalities towards BMP's that increase water retention and filtration.		

## Grant Activity - Water Storage and Treatment - Habitat Restoration & Maintenance

<b>Description</b>	Habitat Restoration and Maintenance		
	The district will partner with Sherburne County Parks Department to develop a Natural Resource plan for Sherburne County Parks		
	Funds will be used to perform Forest inventory at parks and monitor parks for vegetative diseases and invasive species; to include but not limited to prescribed burns, mechanical removal and chemical control.		
<b>Category</b>	FORESTRY PRACTICES		
<b>Start Date</b>	6-Dec-17	<b>End Date</b>	31-Dec-20
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Habitat Restoration and Maintenance		
	The district will partner with Sherburne County Parks Department to develop a Natural Resource plan for Sherburne County Parks		
	Funds will be used to perform Forest inventory at parks and monitor parks for vegetative diseases and invasive species; to include but not limited to prescribed burns, mechanical removal and chemical control.		

## Grant Attachments

Document Name	Document Type	Description
<b>2018 SWCD Capacity Amendment EXECUTED - Sherburne SWCD</b>	Grant	2018 - SWCD Local Capacity Services (Sherburne SWCD)
<b>2018 SWCD Capacity Amendment UNEXECUTED - Sherburne SWCD</b>	Grant	2018 - SWCD Local Capacity Services (Sherburne SWCD)
<b>2018/2019 Programs and Operations Grants</b>	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Sherburne SWCD
<b>2018/2019 Programs and Operations Grants executed</b>	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Sherburne SWCD
<b>2018Capacity_ServiceAgreement</b>	Grant	2018 - SWCD Local Capacity Services (Sherburne SWCD)

Document Name	Document Type	Description
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/15/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/16/2020
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/22/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/04/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/07/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/16/2019
<b>FY18 Capacity Financial Report 04162019</b>	Grant	2018 - SWCD Local Capacity Services (Sherburne SWCD)
<b>P18-2576 Reconciliation Checklist</b>	Journal	Journal Dated - 05/14/2019
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 08/31/2017
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 02/21/2018
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 11/28/2017