



## 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	\$111,600.00	\$0.00
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>\$111,600.00</b>	<b>\$11,600.00</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	\$10,000.00	9/10/2020	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	0.08 AC	0.08 AC
342 - Critical Area Planting	1	1	0.05 AC	0.05 AC
342 - Critical Area Planting	2	3	0.01 AC	0.01 AC
643 - Restoration and Management of Declining Habitats	1	1	1 AC	1 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
<b>SEDIMENT (TSS)</b>	1.64	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	1.56	LBS/YR
<b>SOIL (EST. SAVINGS)</b>	3.00	TONS/YR
<b>Total Suspended Solids (TSS)</b>	0.20	Mg/L

## 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>	21-Sep-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>	21-Sep-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			
Description	Funds will be used to cost share the installation of riparian zone conservation practices		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	6-Dec-17	End Date	21-Sep-20
Has Rates and Hours?	No		
Actual Results	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)	Technical Assistance Provider	

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)	Technical Assistance Provider	

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)
Waterbody	Little Elk Lake		

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

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

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

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

Activity Action - Otto-Native Prairie			
Practice	643 - Restoration and Management of Declining Habitats	Count of Activities	1
Description	Short/dry grass prairie planted to reduce erosion and provide important pollinator habitat		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	15-Jun-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Otto-Native Prairie			
Indicator Name	SOIL (EST. SAVINGS)	Value	3
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Elk River		

Activity Action - Turbenson-Shoreline Restoration			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Shoreline stabilization utilizing coir logs, erosion control blanket and native plants.		
Proposed Size / Units	0.01 AC	Lifespan	10 Years
Actual Size/Units	0.01 AC	Installed Date	28-Aug-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Turbenson-Shoreline Restoration			
Indicator Name	Total Suspended Solids (TSS)	Value	.20
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Big Lake		

Final Indicator for Turbenson-Shoreline Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.17
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Big Lake		

Grant Activity - Soil Erosion - Staff			
Description	Staff time towards improving soil health, water retention and design of agricultural BMP's		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	6-Dec-17	End Date	21-Sep-20
Has Rates and Hours?	Yes		
Actual Results	Staff time towards improving soil health, water retention and design of agricultural BMP's		

Grant Activity - Water Storage & Treatment - Staff			
Description	Staff time towards guiding landowners and municipalities towards BMP's that increase water retention and filtration.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	6-Dec-17	End Date	21-Sep-20
Has Rates and Hours?	Yes		
Actual Results	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>	21-Sep-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 - 10/06/2020
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 10/06/2020
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 09/21/2020
<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 - 03/03/2020
<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>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 - 01/15/2018
<b>FY18 Capacity Financial Report 04162019</b>	Grant	2018 - SWCD Local Capacity Services (Sherburne SWCD)
<b>FY2018_Capacity_Final Financial</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 - 02/21/2018
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 08/31/2017
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 11/28/2017