



Grant All-Detail Report SWCD Local Capacity Services 2019

Grant Title - 2019 - SWCD Local Capacity Services (Sherburne SWCD)

Grant ID - P19-2406

Organization - Sherburne SWCD

Original Awarded Amount	\$100,000.00	Grant Execution Date	11/1/2018
Required Match Amount	\$0.00	Original Grant End Date	12/31/2021
Required Match %	0%	Grant Day To Day Contact	Francine Larson
Current Awarded Amount	\$111,600.00	Current End Date	12/31/2021

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$111,600.00	\$111,600.00	\$0.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$111,600.00	\$111,600.00	\$0.00

**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	2019 - SWCD Local Capacity Services (Sherburne SWCD)	\$21,500.00	\$21,500.00	10/1/2020	N
Riparian Zone - Staff	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Sherburne SWCD)	\$18,000.00	\$18,000.00	2/18/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction	Matching
						Date	Fund
Riparian Zone Management - BMP Cost Share	Streambank or Shoreline Protection	Current State Grant	2019 - SWCD Local Capacity Services (Sherburne SWCD)	\$10,000.00	\$4,045.37	8/12/2021	N
Soil Erosion - Staff	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Sherburne SWCD)	\$12,000.00	\$12,000.00	4/2/2020	N
Soil Health & Water Quality Management	Non-Structural Management Practices	Current State Grant	2019 - SWCD Local Capacity Services (Sherburne SWCD)	\$10,000.00	\$11,587.71	11/18/2021	N
Urban Stormwater Practices	Urban Stormwater Management Practices	Current State Grant	2019 - SWCD Local Capacity Services (Sherburne SWCD)	\$0.00	\$809.73	11/18/2021	N
WST - Habitat Restoration & Maintenance	Education/Information	Current State Grant	2019 - SWCD Local Capacity Services (Sherburne SWCD)	\$11,600.00	\$11,600.00	12/2/2019	N
Water Storage & Treatment - Staff	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Sherburne SWCD)	\$28,500.00	\$28,500.00	11/12/2020	N
Well Sealing	Groundwater	Current State Grant	2019 - SWCD Local Capacity Services (Sherburne SWCD)	\$0.00	\$3,557.19	11/18/2021	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
327 - Conservation Cover	1	2	775 SQUARE FEET	775 SQUARE FEET
643 - Restoration and Management of Declining Habitats	1	1	1.25 AC	1.25 AC
327 - Conservation Cover	1	1	430 SQUARE FEET	430 SQUARE FEET
351 - Well Decommissioning	5	5	1 COUNT	1 COUNT
643 - Restoration and Management of Declining Habitats	2	2	3 AC	3 AC
327 - Conservation Cover	1	1	2000 SQUARE FEET	2000 SQUARE FEET

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
327 - Conservation Cover	1	1	10000 SQUARE FEET	10000 SQUARE FEET
643 - Restoration and Management of Declining Habitats	1	1	3.25 AC	3.25 AC
643 - Restoration and Management of Declining Habitats	1	3	2.25 AC	2.25 AC
643 - Restoration and Management of Declining Habitats	1	1	1 AC	1 AC
712M - Bioretention Basin	1	1	350 SQUARE FEET	500 SQUARE FEET
340 - Cover Crop	1	1	170 AC	170 AC
327 - Conservation Cover	1	1	4000 SQUARE FEET	4000 SQUARE FEET
351 - Well Decommissioning	4	4	2 COUNT	2 COUNT

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
SEDIMENT (TSS)	1.18	TONS/YR
SOIL (EST. SAVINGS)	552.41	TONS/YR
PHOSPHORUS (EST. REDUCTION)	1.79	LBS/YR

Grant Activity

Grant Activity - Excess Nutrients - Staff			
Description	Technical Assistance towards projects and plans that address rural and urban water runoff and groundwater quality and quantity.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	16-Nov-18	End Date	31-Dec-21
Has Rates and Hours?	Yes		
Actual Results	Technical Assistance towards projects and plans that address rural and urban water runoff and groundwater quality and quantity.		

Grant Activity - Riparian Zone - Staff			
Description	Staff time providing technical assistance on riparian zone erosion control and vegetative management.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	16-Nov-18	End Date	31-Dec-21
Has Rates and Hours?	Yes		
Actual Results	Staff time providing technical assistance on riparian zone erosion control and vegetative management.		

Grant Activity - Riparian Zone Management - BMP Cost Share			
Description	Technical Assistance towards projects and plans that address rural and urban water runoff and groundwater quality and quantity.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	16-Nov-18	End Date	31-Dec-21
Has Rates and Hours?	No		
Actual Results	Cost Share towards projects and plans that address rural and urban water runoff and groundwater quality and quantity.		

Activity Action - Warnke - Conservation Cover			
Practice	327 - Conservation Cover	Count of Activities	1
Description	Savanna prairie mix on mild slope where erosion is occurring		
Proposed Size / Units	4,000.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	4,000.00 SQUARE FEET	Installed Date	21-Jun-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Warnke - Conservation Cover			
Indicator Name	SOIL (EST. SAVINGS)	Value	.3
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Ann Lake		

Activity Action - Larson - Conservation Cover			
Practice	327 - Conservation Cover	Count of Activities	1
Description	Savanna mix installed on new build site in place of traditional turf		
Proposed Size / Units	10,000.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	10,000.00 SQUARE FEET	Installed Date	1-Jul-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Larson - Conservation Cover			
Indicator Name	SOIL (EST. SAVINGS)	Value	.7
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Little Elk Lake		

Activity Action - Esch - Conservation Cover			
Practice	327 - Conservation Cover	Count of Activities	1
Description	Mix of native grasses, sedges, forbs and shrubs on slope leading to wetland		
Proposed Size / Units	430.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	430.00 SQUARE FEET	Installed Date	28-May-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Esch - Conservation Cover			
Indicator Name	SOIL (EST. SAVINGS)	Value	.03
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Tibbets Brook		

Activity Action - Light - Conservation Cover			
Practice	327 - Conservation Cover	Count of Activities	1
Description	Native sedges, grasses and flowers on eroded shoreline. secured with coir logs and erosion control blanket.		
Proposed Size / Units	775.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	775.00 SQUARE FEET	Installed Date	30-Jul-21
Mapped Activities	2 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Light - Conservation Cover			
Indicator Name	SEDIMENT (TSS)	Value	1.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Long Lake		
Final Indicator for Light - Conservation Cover			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	0.94
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Long Lake		

Activity Action - Takach - Conservation Cover			
Practice	327 - Conservation Cover	Count of Activities	1
Description	Converting non native plants and lawn to native short dry prairie mix		
Proposed Size / Units	2,000.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	2,000.00 SQUARE FEET	Installed Date	25-Oct-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Takach - Conservation Cover			
Indicator Name	SOIL (EST. SAVINGS)	Value	.13
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Elk River		

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	16-Nov-18	End Date	31-Dec-21
Has Rates and Hours?	Yes		
Actual Results	Staff time towards improving soil health, water retention and design of agricultural BMP's		

Grant Activity - Soil Health & Water Quality Management			
Description	Funds will be used to cost share the installation of soil health and water quality conservation practices. Practices will also reduce erosion and increase habitat.		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	16-Nov-18	End Date	31-Dec-21
Has Rates and Hours?	No		
Actual Results	Funds will be used to cost share the installation of soil health and water quality conservation practices. Practices will also reduce erosion and increase habitat.		

Activity Action - Otto - 2020-03-01			
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 - 2020-03-01			
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 - Farm Friends Barn			
Practice	643 - Restoration and Management of Declining Habitats	Count of Activities	1
Description	Short dry upland forbs and grasses		
Proposed Size / Units	3.00 AC	Lifespan	10 Years
Actual Size/Units	3.00 AC	Installed Date	13-Nov-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Farm Friends Barn			
Indicator Name	SOIL (EST. SAVINGS)	Value	9
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Elk River		

Activity Action - Hanson			
Practice	643 - Restoration and Management of Declining Habitats	Count of Activities	1
Description	Native short dry upland forbs and grasses		
Proposed Size / Units	3.25 AC	Lifespan	10 Years
Actual Size/Units	3.25 AC	Installed Date	1-Mar-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Hanson			
Indicator Name	SOIL (EST. SAVINGS)	Value	9.75
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	St. Francis		

Activity Action - Grams County Park			
Practice	643 - Restoration and Management of Declining Habitats	Count of Activities	1
Description	Short dry grass prairie		
Proposed Size / Units	1.25 AC	Lifespan	10 Years
Actual Size/Units	1.25 AC	Installed Date	17-May-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Grams County Park			
Indicator Name	SOIL (EST. SAVINGS)	Value	3.75
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Fremont		

Activity Action - Christian			
Practice	643 - Restoration and Management of Declining Habitats	Count of Activities	1
Description	Short dry grass prairie		
Proposed Size / Units	3.00 AC	Lifespan	10 Years
Actual Size/Units	3.00 AC	Installed Date	24-Jun-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Christian			
Indicator Name	SOIL (EST. SAVINGS)	Value	9
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Elk River		

Activity Action - Carlson			
Practice	643 - Restoration and Management of Declining Habitats	Count of Activities	1
Description	Short dry grass prairie		
Proposed Size / Units	2.25 AC	Lifespan	10 Years
Actual Size/Units	2.25 AC	Installed Date	24-Jun-21
Mapped Activities	3 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Carlson			
Indicator Name	SOIL (EST. SAVINGS)	Value	6.75
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Elk River		

Activity Action - Diamond A - Cover Crop			
Practice	340 - Cover Crop	Count of Activities	1
Description	Cool season cover crop was planted after seed corn as part of a 3 year program		
Proposed Size / Units	170.00 AC	Lifespan	1 Year
Actual Size/Units	170.00 AC	Installed Date	27-Sep-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Diamond A - Cover Crop			
Indicator Name	SOIL (EST. SAVINGS)	Value	510
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Long Lake		

Grant Activity - Urban Stormwater Practices			
Description	Funds will be used to cost share stormwater practices.		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	16-Nov-18	End Date	31-Dec-21
Has Rates and Hours?	No		
Actual Results	Funds will be used to cost share stormwater practices.		

Activity Action - Wiebold - Raingarden			
Practice	712M - Bioretention Basin	Count of Activities	1
Description	Curb cut rain garden with rain guardian pre-treatment device. Mulched and planted with native flowers, sedges and grassed.		
Proposed Size / Units	350.00 SQUARE FEET	Lifespan	10 Years
Actual Size/Units	500.00 SQUARE FEET	Installed Date	29-Oct-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Other

Final Indicator for Wiebold - Raingarden			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MIDS
Waterbody	Big Lake		
Final Indicator for Wiebold - Raingarden			
Indicator Name	SEDIMENT (TSS)	Value	.075
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	MIDS
Waterbody	Big Lake		

Grant Activity - WST - Habitat Restoration & Maintenance			
Description	Enhanced Capacity funds will be used to increase District awareness. Time will be spent towards development of conservation outreach materials, and marketing for urban and agriculture education workshops.		
Category	EDUCATION/INFORMATION		
Start Date	16-Nov-18	End Date	31-Dec-21
Has Rates and Hours?	Yes		
Actual Results	Time spent towards development of conservation outreach materials, and marketing for urban and agriculture education workshops.		

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	16-Nov-18	End Date	31-Dec-21
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 - Well Sealing			
Description	Funds will be used to assist landowners with the cost of sealing abandoned or unused wells. These funds will defray up to 50% of the eligible costs, not to exceed \$1,000.00 per well.		
Category	GROUNDWATER		
Start Date	16-Nov-18	End Date	31-Dec-21
Has Rates and Hours?	No		
Actual Results	Funds were used to assist landowners with the cost of sealing abandoned or unused wells.		

Activity Action - FY19-WS-01 - Angell			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well Sealed		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	14-Nov-19
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Activity Action - FY20-WS-01 - Foster			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	55' Well Sealing		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	13-Feb-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Activity Action - FY20-WS-03 - Toth			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well Sealing		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	16-Oct-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Activity Action - FY20-WS-04 - Hofer			
Practice	351 - Well Decommissioning	Count of Activities	2
Description	2 Well Sealed		
Proposed Size / Units	2.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	2.00 COUNT	Installed Date	23-Feb-21
Mapped Activities	2 Point(s)	Technical Assistance Provider	Private Consultant

Activity Action - FY21-WS-01 - Wilkes			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well Sealing		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	28-May-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Activity Action - FY21-WS-06 - Winkels			
Practice	351 - Well Decommissioning	Count of Activities	2
Description	Well Sealing of two wells		
Proposed Size / Units	2.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	2.00 COUNT	Installed Date	2-Jun-21
Mapped Activities	2 Point(s)	Technical Assistance Provider	Private Consultant

Activity Action - FY21-WS-07 - Rapatt			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well Sealing		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	18-Nov-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Grant Attachments

Document Name	Document Type	Description
2019 SWCD Local Capacity Amendment	Grant Agreement Amendment	
2019 SWCD Local Capacity and Buffer Law Implementation	Grant Agreement	2019 SWCD Local Capacity and Buffer Law Implementation - Sherburne SWCD
2019 SWCD Local Capacity and Buffer Law Implementation EXECUTED	Grant Agreement	2019 SWCD Local Capacity and Buffer Law Implementation - Sherburne SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/24/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/22/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/18/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/03/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/16/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/28/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/27/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/27/2021
FY19 Capacity Final Financial Report	Grant	2019 - SWCD Local Capacity Services (Sherburne SWCD)
FY19_enhanced Capacity	Grant	2019 - SWCD Local Capacity Services (Sherburne SWCD)
Unexecuted Grant Amendment	Grant Agreement Amendment	
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/13/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 08/21/2018

Document Name	Document Type	Description
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 09/10/2019
final closeout form	Grant	2019 - SWCD Local Capacity Services (Sherburne SWCD)