



## Grant All-Detail Report SWCD Local Capacity Services 2016

**Grant Title** - 2016 - SWCD Local Capacity Services (Sherburne SWCD)

**Grant ID** - P16-5020

**Organization** - Sherburne SWCD

Original Awarded Amount	<b>\$130,337.00</b>	Grant Execution Date	<b>1/27/2016</b>
Required Match Amount	\$0.00	Original Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Francine Larson
Current Awarded Amount	\$130,337.00	Current End Date	12/31/2018

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$130,337.00	\$130,337.00	\$0.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$130,337.00</b>	<b>\$130,337.00</b>	<b>\$0.00</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
Education/Outreach - 2016 Environmental Education Program	Education/Information	Current State Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)	\$2,000.00			N
Education/Outreach - 2016 Professional Development	Education/Information	Current State Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)	\$5,000.00	\$5,000.00	2/20/2018	N
Nutrient Management - 2016 Cover Crop Incentives	Agricultural Practices	Current State Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)	\$15,000.00	\$15,274.84	10/11/2018	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Riparian Zone Management - 2016 Cost Share Assistance	Streambank or Shoreline Protection	Current State Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)	\$60,337.00	\$65,215.62	12/13/2018	N
Riparian Zone Management - 2016 Education/Outreach	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)	\$1,500.00	\$1,239.27	2/23/2017	N
Soil Erosion - 2016 Equipment	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)	\$12,000.00	\$11,787.91	7/1/2016	N
Soil Erosion - 2016 Incentives	Agricultural Practices	Current State Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)	\$11,000.00	\$11,000.00	6/8/2017	N
Water Storage & Treatment - 2016 Education/Outreach	Education/Information	Current State Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)	\$3,000.00	\$313.07	2/16/2018	N
Water Storage & Treatment - 2016 Forestry - Inventory Equipment	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)	\$2,500.00	\$2,493.77	12/23/2016	N
Water Storage & Treatment - 2016 Forestry - My Neighborhood Trees Project	Forestry Practices	Current State Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)	\$12,500.00	\$12,497.77	9/22/2016	N
Water Storage & Treatment - 2016 Forestry - Roots in MN - Education/Outreach	Education/Information	Current State Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)	\$5,500.00	\$5,514.75	2/11/2016	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline Protection	1	1	0.027 AC	0.027 AC
327 - Conservation Cover	1	1	9 AC	9 AC
580 - Streambank and Shoreline Protection	1	1	0.034 AC	0.034 AC
340 - Cover Crop	1	1	100 AC	100 AC
327 - Conservation Cover	1	1	8 AC	7.5 AC
340 - Cover Crop	1	3	90 AC	90 AC

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
340 - Cover Crop	1	1	23 AC	23 AC
340 - Cover Crop	1	1	40 AC	40 AC
580 - Streambank and Shoreline Protection	1	1	0.018 AC	0.018 AC
342 - Critical Area Planting	1	1	0.01 AC	0.01 AC
340 - Cover Crop	1	1	80 AC	80 AC
342 - Critical Area Planting	3	3	0.28 AC	0.28 AC
340 - Cover Crop	1	1	37.5 AC	37.5 AC
342 - Critical Area Planting	2	2	2 COUNT	2 COUNT
580 - Streambank and Shoreline Protection	1	1	0.017 AC	0.017 AC
340 - Cover Crop	1	1	75 AC	36 AC
340 - Cover Crop	4	4	200 AC	200 AC
580 - Streambank and Shoreline Protection	1	1	1 COUNT	1 COUNT
327 - Conservation Cover	1	1	6.6 AC	6.6 AC
580 - Streambank and Shoreline Protection	1	1	0.011 AC	0.011 AC
340 - Cover Crop	2	2	20 AC	12 AC
580 - Streambank and Shoreline Protection	1	1	0.012 AC	0.012 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>SOIL (EST. SAVINGS)</b>	73.43	TONS/YR

<b>SEDIMENT (TSS)</b>	6.24	TONS/YR
<b>Total Suspended Solids (TSS)</b>	0.01	Mg/L
<b>PHOSPHORUS (EST. REDUCTION)</b>	5.97	LBS/YR

## Grant Activity

Grant Activity - Education/Outreach - 2016 Environmental Education Program			
<b>Description</b>	Education/Outreach - 2016 Environmental Education Scholarship Program		
	Funds will be used towards registration fees for environmental education opportunities for local farmers, volunteers, lake associations, etc.		
<b>Category</b>	EDUCATION/INFORMATION		
<b>Start Date</b>	27-Jan-16	<b>End Date</b>	13-Dec-18
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Moved to BMP Riparian Cost Share per JW		

Grant Activity - Education/Outreach - 2016 Professional Development			
<b>Description</b>	Education/Outreach - 2016 Professional Development		
	Funds will be used towards registration/tuition fees for staff training and development programs		
<b>Category</b>	EDUCATION/INFORMATION		
<b>Start Date</b>	27-Jan-16	<b>End Date</b>	13-Dec-18
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Technical Training for SWCD staff - Expenses are for registration fees only. - No mileage - no staff time		

**Grant Activity - Nutrient Management - 2016 Cover Crop Incentives**

<b>Description</b>	Nutrient Management - 2016 Cover Crop Incentives		
	Funds will be used as landowner incentives to encourage multi-species cover crop plantings		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	27-Jan-16	<b>End Date</b>	13-Dec-18
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds used towards landowner incentives to encourage soil health by establishing multi-species cover crops		

<b>Activity Action - CCI-FY16-01 - D Peterson - Cover Crop</b>			
<b>Practice</b>	340 - Cover Crop	<b>Count of Activities</b>	1
<b>Description</b>	3 Species planted over 36 acres		
<b>Proposed Size / Units</b>	75.00 AC	<b>Lifespan</b>	1 Year
<b>Actual Size/Units</b>	36.00 AC	<b>Installed Date</b>	13-Sep-16
<b>Mapped Activities</b>	1 Polygon(s)		

<b>Final Indicator for CCI-FY16-01 - D Peterson - Cover Crop</b>			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	7.9
<b>Indicator Subcategory/Units</b>	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	WEPS (Wind Erosion Prediction System)
<b>Waterbody</b>	Elk River		

<b>Activity Action - CCI-FY16-02 - Gray Potato - Cover Crop Incentive</b>			
<b>Practice</b>	340 - Cover Crop	<b>Count of Activities</b>	1
<b>Description</b>	3 species planted over 80 acres		
<b>Proposed Size / Units</b>	80.00 AC	<b>Lifespan</b>	1 Year
<b>Actual Size/Units</b>	80.00 AC	<b>Installed Date</b>	12-Sep-16
<b>Mapped Activities</b>	1 Polygon(s)		

<b>Final Indicator for CCI-FY16-02 - Gray Potato - Cover Crop Incentive</b>			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	8.1
<b>Indicator Subcategory/Units</b>	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	WEPS (Wind Erosion Prediction System)
<b>Waterbody</b>	Elk River		

Activity Action - CCI-FY16-03 - Imholte - Cover Crop Incentive			
Practice	340 - Cover Crop	Count of Activities	1
Description	2 species planted over 100 acres		
Proposed Size / Units	100.00 AC	Lifespan	1 Year
Actual Size/Units	100.00 AC	Installed Date	21-Sep-16
Mapped Activities	1 Polygon(s)		

Final Indicator for CCI-FY16-03 - Imholte - Cover Crop Incentive			
Indicator Name	SOIL (EST. SAVINGS)	Value	7.9
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WEPS (Wind Erosion Prediction System)
Waterbody	Mississippi		

Activity Action - CCI-FY16-05 - A&L Peterson - Cover Crop Incentive			
Practice	340 - Cover Crop	Count of Activities	1
Description	4 species planted over 90 acres		
Proposed Size / Units	90.00 AC	Lifespan	1 Year
Actual Size/Units	90.00 AC	Installed Date	29-Sep-16
Mapped Activities	3 Polygon(s)		

Final Indicator for CCI-FY16-05 - A&L Peterson - Cover Crop Incentive			
Indicator Name	SOIL (EST. SAVINGS)	Value	8.1
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WEPS (Wind Erosion Prediction System)
Waterbody	Elk River		

Activity Action - CCI-FY16-07 - Peterson and Peterson LLP			
Practice	340 - Cover Crop	Count of Activities	1
Description	Multi-species cover crop		
Proposed Size / Units	23.00 AC	Lifespan	1 Year
Actual Size/Units	23.00 AC	Installed Date	17-Aug-17
Mapped Activities	1 Polygon(s)		

Final Indicator for CCI-FY16-07 - Peterson and Peterson LLP			
Indicator Name	SOIL (EST. SAVINGS)	Value	.2

<b>Indicator Subcategory/Units</b>	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	WEPS (Wind Erosion Prediction System)
<b>Waterbody</b>	Elk River		

<b>Activity Action - CCI-FY16-06 - Hayes - Cover Crop Incentive</b>			
<b>Practice</b>	340 - Cover Crop	<b>Count of Activities</b>	1
<b>Description</b>	Multi-species cover crop		
<b>Proposed Size / Units</b>	37.50 AC	<b>Lifespan</b>	1 Year
<b>Actual Size/Units</b>	37.50 AC	<b>Installed Date</b>	7-Sep-17
<b>Mapped Activities</b>	1 Polygon(s)		

<b>Final Indicator for CCI-FY16-06 - Hayes - Cover Crop Incentive</b>			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	.2
<b>Indicator Subcategory/Units</b>	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	WEPS (Wind Erosion Prediction System)
<b>Waterbody</b>	Elk River		

<b>Activity Action - CCI_FY16-09 - Peterson and Peterson LLP</b>			
<b>Practice</b>	340 - Cover Crop	<b>Count of Activities</b>	2
<b>Description</b>	Cool season multi species cover crop		
<b>Proposed Size / Units</b>	20.00 AC	<b>Lifespan</b>	1 Year
<b>Actual Size/Units</b>	12.00 AC	<b>Installed Date</b>	1-Sep-18
<b>Mapped Activities</b>	2 Polygon(s)		

<b>Final Indicator for CCI_FY16-09 - Peterson and Peterson LLP</b>			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	3.7
<b>Indicator Subcategory/Units</b>	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	WEPS (Wind Erosion Prediction System)
<b>Waterbody</b>	Elk River		

Activity Action - CCI_FY16-08 - Eiler Bros.			
Practice	340 - Cover Crop	Count of Activities	1
Description	Multi-species cover crop		
Proposed Size / Units	40.00 AC	Lifespan	1 Year
Actual Size/Units	40.00 AC	Installed Date	1-Sep-18
Mapped Activities	1 Polygon(s)		

Final Indicator for CCI_FY16-08 - Eiler Bros.			
Indicator Name	SOIL (EST. SAVINGS)	Value	4.4
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WEPS (Wind Erosion Prediction System)
Waterbody	Elk River		

Activity Action - CC_FY16-10 - A & L Peterson Farms, Inc.			
Practice	340 - Cover Crop	Count of Activities	4
Description	Multi-species cover crop		
Proposed Size / Units	200.00 AC	Lifespan	1 Year
Actual Size/Units	200.00 AC	Installed Date	1-Sep-18
Mapped Activities	4 Polygon(s)		

Final Indicator for CC_FY16-10 - A & L Peterson Farms, Inc.			
Indicator Name	SOIL (EST. SAVINGS)	Value	27.3
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WEPS (Wind Erosion Prediction System)
Waterbody	Elk River		



**Grant Activity - Riparian Zone Management - 2016 Cost Share Assistance**

<b>Description</b>	Riparian Zone Management - 2016 Cost Share Assistance		
	Funds will be used to cost share the installation of riparian zone conservation practices.		
	8/16/16 - Amended to include additional FY16 Capacity Funds - \$30,337.00		
<b>Category</b>	STREAMBANK OR SHORELINE PROTECTION		
<b>Start Date</b>	27-Jan-16	<b>End Date</b>	13-Dec-18
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds were used to cost share the installation of riparian zone conservation practices.		

Activity Action - Hart - Shoreline Restoration			
<b>Practice</b>	580 - Streambank and Shoreline Protection	<b>Count of Activities</b>	1
<b>Description</b>	Shoreline erosion protection using a combination of rock rip rap at the waters edge and native plants upland of the rock.		
<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-May-17
<b>Mapped Activities</b>	1 Line(s)		

Final Indicator for Hart - Shoreline Restoration			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	.11
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (FILTER STRIP)
<b>Waterbody</b>	Big Lake		

Final Indicator for Hart - Shoreline Restoration			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	.12
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (FILTER STRIP)
<b>Waterbody</b>	Big Lake		

Activity Action - Swenson - Shoreline Restoration			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Shoreline erosion protection using a combination of rock rip rap at the waters edge and native plants upland of the rock.		
Proposed Size / Units	0.02 AC	Lifespan	10 Years
Actual Size/Units	0.02 AC	Installed Date	15-May-17
Mapped Activities	1 Line(s)		

Final Indicator for Swenson - Shoreline Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.21
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Big Lake		
Final Indicator for Swenson - Shoreline Restoration			
Indicator Name	SEDIMENT (TSS)	Value	.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Big Lake		

Activity Action - Potter - Shoreline Restoration			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Shoreline erosion protection using a combination of rock rip rap at the waters edge and native plants upland of the rocks.		
Proposed Size / Units	0.03 AC	Lifespan	10 Years
Actual Size/Units	0.03 AC	Installed Date	25-Jun-17
Mapped Activities	1 Line(s)		

Final Indicator for Potter - Shoreline Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Big Lake		
Final Indicator for Potter - Shoreline Restoration			
Indicator Name	SEDIMENT (TSS)	Value	1.44
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Big Lake		

Activity Action - Teigen - Shoreline Restoration			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Shoreline erosion project using a combination of rock rip rap and native vegetation.		
Proposed Size / Units	0.01 AC	Lifespan	10 Years
Actual Size/Units	0.01 AC	Installed Date	15-May-17
Mapped Activities	1 Line(s)		

Final Indicator for Teigen - Shoreline Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.12
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Big Lake		
Final Indicator for Teigen - Shoreline Restoration			
Indicator Name	SEDIMENT (TSS)	Value	.14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Big Lake		

Activity Action - Orrock Township - Stormwater Control			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Hydroworks hydroguard installed at a dead end street to control and reduce sediment		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	3-Nov-17
Mapped Activities	1 Line(s)		

Final Indicator for Orrock Township - Stormwater Control			
Indicator Name	SEDIMENT (TSS)	Value	0.01
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WINSLAMM
Waterbody	Eagle Lake		

Activity Action - Berg - Shoreline Restoration			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Rail road tie retaining wall removed. slope regraded and planted with native vegetation.		
Proposed Size / Units	0.02 AC	Lifespan	10 Years
Actual Size/Units	0.02 AC	Installed Date	29-Jun-18
Mapped Activities	1 Line(s)		

Final Indicator for Berg - Shoreline Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.12
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ann Lake		

Activity Action - Dick - Rain gardens			
Practice	342 - Critical Area Planting	Count of Activities	2
Description	Rain gardens to control stormwater runoff from rooftop and driveway before water enters Lake Julia.		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	28-Aug-18
Mapped Activities	2 Polygon(s)		

Final Indicator for Dick - Rain gardens			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.12
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MIDS
Waterbody	Lake Julia		

Final Indicator for Dick - Rain gardens			
Indicator Name	Total Suspended Solids (TSS)	Value	.011
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	MIDS
Waterbody	Lake Julia		

Activity Action - Nelson - Shoreline Restoraiton			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Combination of rock rip rap and native plants to help stabilize shoreline on Eagle Lake		
Proposed Size / Units	0.03 AC	Lifespan	10 Years
Actual Size/Units	0.03 AC	Installed Date	3-Aug-18
Mapped Activities	1 Line(s)		

Final Indicator for Nelson - Shoreline Restoraiton			
Indicator Name	SEDIMENT (TSS)	Value	4.28
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Eagle Lake		
Final Indicator for Nelson - Shoreline Restoraiton			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.63
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Eagle Lake		

Activity Action - Berg - Rain garden			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Rain garden collecting street runoff, channel drains in driveway to direct water, planted with native vegetation.		
Proposed Size / Units	0.01 AC	Lifespan	10 Years
Actual Size/Units	0.01 AC	Installed Date	7-Oct-18
Mapped Activities	1 Polygon(s)		

Final Indicator for Berg - Rain garden			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.39
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MIDS
Waterbody	Ann Lake		
Final Indicator for Berg - Rain garden			
Indicator Name	SOIL (EST. SAVINGS)	Value	.033
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	MIDS
Waterbody	Ann Lake		

Activity Action - Sturm - Stormwater Control			
Practice	342 - Critical Area Planting	Count of Activities	3
Description	Combination of french drains and native plantings to prevent stormwater runoff control		
Proposed Size / Units	0.28 AC	Lifespan	10 Years
Actual Size/Units	0.28 AC	Installed Date	9-Nov-18
Mapped Activities	3 Polygon(s)		

Final Indicator for Sturm - Stormwater Control			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.041
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MIDS
Waterbody	Long Lake		

Grant Activity - Riparian Zone Management - 2016 Education/Outreach			
Description	Riparian Zone Management - 2016 Education/Outreach		
	Funds will be used to purchase Water Resource Education models		
Category	SUPPLIES/EQUIPMENT		
Start Date	27-Jan-16	End Date	13-Dec-18
Has Rates and Hours?	No		
Actual Results	Funds used to purchase watershed model and supplies used for education outreach events. Moved \$260.73 to Cost share BMPs per JW		

Grant Activity - Soil Erosion - 2016 Equipment			
Description	Soil Erosion - 2016 Equipment		
	Funds will be used to purchase 8' John Deere grain/grass drill - drill will be used towards planting cover crops and buffer strips.		
Category	SUPPLIES/EQUIPMENT		
Start Date	27-Jan-16	End Date	13-Dec-18
Has Rates and Hours?	No		
Actual Results	SWCD purchased a small grain drill for planting alternative cover crops and demonstration plots.  Moved \$212.09 to BMP Cost Share per JW		

Grant Activity - Soil Erosion - 2016 Incentives			
Description	Soil Erosion - 2016 Incentives		
	Funds will be used towards landowner incentives to encourage native prairie and pollinator plantings, prairie maintenance, and tree plantings for erosion control.		
Category	AGRICULTURAL PRACTICES		
Start Date	27-Jan-16	End Date	13-Dec-18
Has Rates and Hours?	No		
Actual Results	Funds used towards landowner incentives encouraging native pollinator friendly prairie plantings.		

Activity Action - Incentive Planting - NPI-FY16-01			
Practice	327 - Conservation Cover	Count of Activities	1
Description	Cost Shared 75% of the cost of seed. 6.6 acres of short/dry prairie planted		
Proposed Size / Units	6.60 AC	Lifespan	10 Years
Actual Size/Units	6.60 AC	Installed Date	27-May-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Incentive Planting - NPI-FY16-01			
Indicator Name	SOIL (EST. SAVINGS)	Value	.2
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WEPS (Wind Erosion Prediction)

			System)
<b>Waterbody</b>	Elk River Watershed		

Activity Action - Incentive Planting - NPI-FY16-02			
<b>Practice</b>	327 - Conservation Cover	<b>Count of Activities</b>	1
<b>Description</b>	Short grass prairie seeded over 7.5 acres		
<b>Proposed Size / Units</b>	8.00 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	7.50 AC	<b>Installed Date</b>	1-Jul-16
<b>Mapped Activities</b>	1 Polygon(s)		

Final Indicator for Incentive Planting - NPI-FY16-02			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	2.5
<b>Indicator Subcategory/Units</b>	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	WEPS (Wind Erosion Prediction System)
<b>Waterbody</b>	Elk River Watershed		

Activity Action - Incentive Planting - NPI-FY16_17-03			
<b>Practice</b>	327 - Conservation Cover	<b>Count of Activities</b>	1
<b>Description</b>	short dry prairie established over 9 acres		
<b>Proposed Size / Units</b>	9.00 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	9.00 AC	<b>Installed Date</b>	31-May-17
<b>Mapped Activities</b>	1 Polygon(s)		

Final Indicator for Incentive Planting - NPI-FY16_17-03			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	2.9
<b>Indicator Subcategory/Units</b>	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	WEPS (Wind Erosion Prediction System)
<b>Waterbody</b>	Elk River		



**Grant Activity - Water Storage & Treatment - 2016 Education/Outreach**

<b>Description</b>	Water Storage & Treatment - 2016 Education/Outreach		
	Funds will be used toward hosting natural resource related workshops within Sherburne County.		
<b>Category</b>	EDUCATION/INFORMATION		
<b>Start Date</b>	27-Jan-16	<b>End Date</b>	13-Dec-18
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds spent to date have been used towards expenses to host Legislative outreach meetings along with Community Engagement trainings and professional collaboration meetings around Climate Change adaptation.		
	Moved \$2000.00 to BMP Cost Share per JW		

**Grant Activity - Water Storage & Treatment - 2016 Forestry - Inventory Equipment**

<b>Description</b>	Water Storage & Treatment - 2016 Forestry - Inventory Equipment		
	Funds will be used to purchase citizen pruner equipment and tree inventory equipment.		
<b>Category</b>	SUPPLIES/EQUIPMENT		
<b>Start Date</b>	27-Jan-16	<b>End Date</b>	13-Dec-18
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds spent to date were used to fund the cellular service required for the data collector application that will continue to be used by volunteers and swcd staff to do tree inventories and other natural resource inventories such as shoreline vegetation. Funds were also used to purchase equipment for the Citizen Pruner Community Engagement program.		

### Grant Activity - Water Storage & Treatment - 2016 Forestry - My Neighborhood Trees Project

<b>Description</b>	Water Storage & Treatment - 2016 Forestry - My Neighborhood Trees Project		
	Funds will be used towards project development and supplies for the My Neighborhood Trees program		
<b>Category</b>	FORESTRY PRACTICES		
<b>Start Date</b>	27-Jan-16	<b>End Date</b>	13-Dec-18
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds were used to subsidize trees that were planted in neighborhoods with vulnerable tree populations and to educate homeowners in these neighborhoods on proper planting tree care and the environmental dividends a sustainable tree population provides.		

### Grant Activity - Water Storage & Treatment - 2016 Forestry - Roots in MN - Education/Outreach

<b>Description</b>	Water Storage & Treatment - 2016 Forestry - Roots in MN - Education/Outreach		
	Funds will be used to purchase Roots in MN - a community forestry educational kit to be shared/displayed amongst cities in Sherburne County.		
<b>Category</b>	EDUCATION/INFORMATION		
<b>Start Date</b>	27-Jan-16	<b>End Date</b>	13-Dec-18
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds were used to purchase tree education materials that were distributed from 30 locations throughout Sherburne County. The kit includes a vertical pop-up banner that was rotated on a bi-weekly basis during 2016 to community gathering spaces throughout the cities in Sherburne County.		

### Grant Attachments

Document Name	Document Type	Description
<b>2016 SWCD Local Capacity Services</b>	Grant Agreement	2016 SWCD Local Capacity Services - Sherburne SWCD
<b>2016 SWCD Local Capacity Services executed</b>	Grant Agreement	2016 SWCD Local Capacity Services - Sherburne SWCD
<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 - 01/18/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 12/31/2018

Document Name	Document Type	Description
<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 - 01/18/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/07/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/25/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/23/2017
<b>Amendment executed</b>	Grant Agreement	2016 SWCD Local Capacity Services - Sherburne SWCD
<b>FY 16 Final Financial</b>	Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)
<b>FY16 Capacity Summary</b>	Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)
<b>Financial Report 05092018</b>	Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)
<b>P16-5020 Reconciliation Checklist</b>	Journal	Journal Dated - 05/10/2018
<b>SWCD Capacity Amendment - Sherburne SWCD.docx</b>	Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 11/30/2015
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 07/15/2016
<b>final report</b>	Grant	2016 - SWCD Local Capacity Services (Sherburne SWCD)