



## Grant All-Detail Report SWCD Local Capacity Services 2019

**Grant Title** - 2019 - SWCD Local Capacity Services (Lyon SWCD)

**Grant ID** - P19-2373

**Organization** - Lyon SWCD

<b>Original Awarded Amount</b>	<b>\$100,000.00</b>	<b>Grant Execution Date</b>	<b>11/7/2018</b>
<b>Required Match Amount</b>	<b>\$0.00</b>	<b>Original Grant End Date</b>	<b>12/31/2021</b>
<b>Required Match %</b>	<b>0%</b>	<b>Grant Day To Day Contact</b>	<b>Anita Cauwels</b>
<b>Current Awarded Amount</b>	<b>\$114,400.00</b>	<b>Current End Date</b>	<b>12/31/2021</b>

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$114,400.00	\$31,752.87	\$82,647.13
Total Match Amount	\$19,840.68	\$5,440.68	\$14,400.00
Total Other Funds	\$55,010.98	\$55,010.98	\$0.00
<b>Total</b>	<b>\$189,251.66</b>	<b>\$92,204.53</b>	<b>\$97,047.13</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
Derek Wooge - BMP	Agricultural Practices	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$14,506.75			N
Excess Nutrients - 2019 Technician	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$65,401.05			N
Jim Opdahl - BMP	Agricultural Practices	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$16,322.04	\$16,322.04	1/21/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last	
						Transaction Date	Matching Fund
Jim Opdahl - BMP	Agricultural Practices	Landowner Fund	Jim Opdahl - BMP (Landowner Contribution)	\$5,440.68	\$5,440.68	1/21/2020	Y
Jim Vandendriessche - BMP	Agricultural Practices	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$842.82	\$842.82	12/17/2019	N
Jim Vandendriessche - BMP	Agricultural Practices	Other Funds	2016 - State Cost-Share Fund (Lyon SWCD)	\$382.61	\$382.61	12/17/2019	N
Jim Vandendriessche - BMP	Agricultural Practices	Other Funds	2017 - SWCD Local Capacity Services (Lyon SWCD)	\$4,993.35	\$4,993.35	12/17/2019	N
Jim Vandendriessche - BMP	Agricultural Practices	Other Funds	25% Landowner Contribution	\$2,072.92	\$2,072.92	12/17/2019	Y
Lee Bush - BMP	Agricultural Practices	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$3,335.81	\$3,335.81	12/17/2019	N
Local Match - 2019 Technician	Technical/Engineering Assistance	Local Fund	Lyon County, MN	\$14,400.00			Y
Matt Remhof - BMP	Agricultural Practices	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$11,174.65	\$11,174.65	11/19/2019	N
Matt Remhof - BMP	Agricultural Practices	Other Funds	2017 - Conservation Delivery (Lyon SWCD)	\$8,500.44	\$8,500.44	11/19/2019	N
Matt Remhof - BMP	Agricultural Practices	Other Funds	25% Landowner Contribution	\$6,558.36	\$6,558.36	11/19/2019	Y
Soil Erosion - 2017 Equipment	Supplies/Equipment	Other Funds	2017 - SWCD Local Capacity Services (Lyon SWCD)	\$26,750.00	\$26,750.00	7/10/2019	N
Steve Prairie - BMP	Agricultural Practices	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$77.55	\$77.55	12/17/2019	N
Steve Prairie - BMP	Agricultural Practices	Other Funds	2017 - Conservation Delivery (Lyon SWCD)	\$993.59	\$993.59	12/17/2019	N
Steve Prairie - BMP	Agricultural Practices	Other Funds	2017 - State Cost-Share Fund (Lyon SWCD)	\$3.66	\$3.66	12/17/2019	N
Steve Prairie - BMP	Agricultural Practices	Other Funds	2018 - Conservation Delivery (Lyon SWCD)	\$1,756.42	\$1,756.42	12/17/2019	N
Steve Prairie - BMP	Agricultural Practices	Other Funds	25% Landowner Contribution	\$1,118.35	\$1,118.35	12/17/2019	Y
Steve Prairie - BMP	Agricultural Practices	Other Funds	25% Landowner Contribution	\$1,881.28	\$1,881.28	12/17/2019	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Steve Williams - BMP	Agricultural Practices	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$2,739.33			N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	3	3	3 COUNT	3 COUNT
638 - Water and Sediment Control Basin	2	2	2 COUNT	2 COUNT
412 - Grassed Waterway and Swales	2	2	747 LINEAR FEET	747 LINEAR FEET
638 - Water and Sediment Control Basin	5	5	5 COUNT	5 COUNT
638 - Water and Sediment Control Basin	1	1	1 COUNT	1 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
SOIL (EST. SAVINGS)	179.91	TONS/YR
SEDIMENT (TSS)	59.69	TONS/YR
PHOSPHORUS (EST. REDUCTION)	59.69	LBS/YR

## Grant Activity

Grant Activity - Derek Wooge - BMP			
Description	Contract #25/19: cost-share assistance for 3 water and sediment control basins and underground outlets to control gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	20-Aug-19	End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Excess Nutrients - 2019 Technician			
Description	2019 SWCD Local Capacity Services Technician Hours. Funds used 100% of 1.0 FTE will be funded under this activity. Staff time will include: Soil Erosion, Excess Nutrients and Water Storage & Treatment. Lyon County Local Comprehensive Water Plan will guide staff workload.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date		End Date	
Has Rates and Hours?	Yes		
Actual Results			

Grant Activity - Jim Opdahl - BMP			
Description	2 Water & Sediment Control Basins and Underground Outlet to control gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Jim Opdahl - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 Water & Sediment Control Basins and Underground Outlet to control gully erosion.		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	2-Jan-20
Mapped Activities	2 Point(s)		

Final Indicator for Jim Opdahl - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	18.7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040601		
Final Indicator for Jim Opdahl - BMP			
Indicator Name	SEDIMENT (TSS)	Value	3.27
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040601		
Final Indicator for Jim Opdahl - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.27
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040601		

Grant Activity - Jim Vandendriessche - BMP			
Description	1 Water & Sediment Control Basin with Underground Outlet to control gully erosion		
Category	AGRICULTURAL PRACTICES		
Start Date	23-Oct-19	End Date	22-Nov-19
Has Rates and Hours?	No		
Actual Results	1 Water & Sediment Control Basin and Underground Outlet installed		

Activity Action - Jim Vandendriessche - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	1 Water & Sediment Control Basin with Underground Outlet to control gully erosion		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	22-Nov-19
Mapped Activities	1 Point(s)		

Final Indicator for Jim Vandendriessche - BMP			
Indicator Name	SEDIMENT (TSS)	Value	2.23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080401		
Final Indicator for Jim Vandendriessche - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	6.38
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080401		
Final Indicator for Jim Vandendriessche - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080401		

Grant Activity - Lee Bush - BMP			
Description	3 Water & Sediment Control Basins with Underground Outlet to control gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	18-Nov-19	End Date	13-Dec-19
Has Rates and Hours?	No		
Actual Results	3 Water & Sediment Control Basins with Underground Outlet. Federal EQIP project with additional cost-share assistance through FY19 Local Capacity Services.		

Activity Action - Lee Bush - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	3
Description	3 Water & Sediment Control Basins with Underground Outlets		
Proposed Size / Units	3.00 COUNT	Lifespan	10 Years
Actual Size/Units	3.00 COUNT	Installed Date	13-Dec-19
Mapped Activities	3 Point(s)		

Final Indicator for Lee Bush - BMP			
Indicator Name	SEDIMENT (TSS)	Value	19.81
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060204		
Final Indicator for Lee Bush - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	19.81
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060204		
Final Indicator for Lee Bush - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	56.61
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060204		

Grant Activity - Local Match - 2019 Technician			
Description	2019 SWCD Local Capacity Services Technician Hours. Funds used 100% of 1.0 FTE will be funded under this activity. Staff time will include: Soil Erosion, Excess Nutrients and Water Storage & Treatment. Lyon County Local Comprehensive Water Plan will guide staff workload.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Matt Remhof - BMP			
Description	5 Water & Sediment Control Basins with Underground Outlets to combat gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	20-Aug-19	End Date	12-Nov-19
Has Rates and Hours?	No		
Actual Results	5 Water & Sediment Control Basins with Underground Outlet(s) installed to control gully erosion.		

Activity Action - Matt Remhof - Basins			
Practice	638 - Water and Sediment Control Basin	Count of Activities	5
Description	5 Water & Sediment Control Basins and Underground Outlets installed in Sodus 28		
Proposed Size / Units	5.00 COUNT	Lifespan	10 Years
Actual Size/Units	5.00 COUNT	Installed Date	12-Nov-19
Mapped Activities	5 Point(s)		

Final Indicator for Matt Remhof - Basins			
Indicator Name	SOIL (EST. SAVINGS)	Value	60.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080202		

Final Indicator for Matt Remhof - Basins			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	21.02
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080202		

Final Indicator for Matt Remhof - Basins			
Indicator Name	SEDIMENT (TSS)	Value	21.02
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080202		



Grant Activity - Steve Prairie - BMP			
Description	3 Grassed Waterways with rock lined stabilization on fenceline to control gully erosion. Both existing waterways are reconstructions that are past the 10 year life expectancy.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Oct-19	End Date	04-Dec-19
Has Rates and Hours?	No		
Actual Results	2 Grassed Waterways with a rock lined swale on the fenceline to control gully erosion. Existing waterways were reconstructed and were past 10-year life expectancy. The third waterway was not constructed to NRCS standards and specs and did not receive cost-share assistance.		

Activity Action - Steve Prairie - BMP			
Practice	412 - Grassed Waterway and Swales	Count of Activities	2
Description	2 Grassed Waterways were reconstructed along with a rock-lined swale on the fenceline to control gully erosion.		
Proposed Size / Units	747.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	747.00 LINEAR FEET	Installed Date	4-Dec-19
Mapped Activities	2 Polygon(s)		

Final Indicator for Steve Prairie - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	38.17
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	071000010201		

Final Indicator for Steve Prairie - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	13.36
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	071000010201		

Final Indicator for Steve Prairie - BMP			
Indicator Name	SEDIMENT (TSS)	Value	13.36
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	071000010201		

## Grant Activity - Steve Williams - BMP

<b>Description</b>	Contract #07/19: cost-share assistance for 4 water and sediment control basins and underground outlet to combat gully erosion.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	21-May-19	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>			

## Grant Attachments

Document Name	Document Type	Description
<b>2019 SWCD Local Capacity and Buffer Law Implementation</b>	Grant Agreement	2019 SWCD Local Capacity and Buffer Law Implementation - Lyon SWCD
<b>2019 SWCD Local Capacity and Buffer Law Implementation Amendment</b>	Grant Agreement Amendment	
<b>2019 SWCD Local Capacity and Buffer Law Implementation EXECUTED</b>	Grant Agreement	2019 SWCD Local Capacity and Buffer Law Implementation - Lyon SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 12/18/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 12/17/2018
<b>County Match Motion</b>	Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)
<b>Unexecuted Grant Amendment</b>	Grant Agreement Amendment	
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 02/13/2019
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 11/06/2019
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 01/27/2020
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 08/21/2018
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 01/06/2020