



Grant All-Detail Report SWCD Local Capacity Services 2020

Grant Title - 2020 - SWCD Local Capacity Services (Lyon SWCD)

Grant ID - P20-7493

Organization - Lyon SWCD

Original Awarded Amount	\$128,184.00	Grant Execution Date	1/8/2020
Required Match Amount	\$0.00	Original Grant End Date	12/31/2022
Required Match %	0%	Grant Day To Day Contact	John Biren
Current Awarded Amount	\$128,184.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$128,184.00	\$67,165.31	\$61,018.69
Total Match Amount	\$14,400.00	\$0.00	\$14,400.00
Total Other Funds	\$57,681.29	\$57,681.29	\$0.00
Total	\$200,265.29	\$124,846.60	\$75,418.69

*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
Fischer - BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$24,567.55	\$24,567.55	12/24/2020	N
Fischer - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$18,139.15	\$18,139.15	12/24/2020	N
Fischer - BMP	Agricultural Practices	Other Funds	2018 - State Cost-Share Fund (Lyon SWCD)	\$1,839.69	\$1,839.69	12/24/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Fischer - BMP	Agricultural Practices	Other Funds	2019 - Conservation Delivery (Lyon SWCD)	\$6,118.02	\$6,118.02	12/24/2020	N
Fischer - BMP	Agricultural Practices	Other Funds	2019 - State Cost-Share Fund (Lyon SWCD)	\$2,314.19	\$2,314.19	12/24/2020	N
Fischer - BMP	Agricultural Practices	Other Funds	2019 - Wetland Conservation Act - NRBG (Lyon County)	\$8,778.00	\$8,778.00	12/24/2020	N
Local Match - 2020 Technician	Administration /Coordination	Local Fund	2020 Local Match	\$14,400.00			Y
Soil Erosion - 2020 Technician	Technical/Engineering Assistance	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$10,000.00			N
Soil Erosion - BMP Cost-Share Assistance	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$51,018.69			N
Spencer & Brooke Kor - BMP	Streambank or Shoreline Protection	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$24,000.00	\$24,000.00	10/29/2020	N
Spencer & Brooke Kor - BMP	Streambank or Shoreline Protection	Landowner Fund	Landowner Contribution	\$8,355.81	\$8,355.81	10/29/2020	N
Spencer & Brooke Kor - BMP	Streambank or Shoreline Protection	Other Funds	2020 - State Cost-Share Fund (Lyon SWCD)	\$1,664.19	\$1,664.19	10/29/2020	N
Stan Pagel - BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$11,734.50	\$11,734.50	4/21/2020	N
Stan Pagel - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$3,911.50	\$3,911.50	4/21/2020	N
Stephen Miller - BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$6,863.26	\$6,863.26	1/20/2021	N
Stephen Miller - BMP	Agricultural Practices	Other Funds	2020 - Conservation Delivery (Lyon SWCD)	\$3,204.74	\$3,204.74	1/20/2021	N
Stephen Miller - BMP	Agricultural Practices	Other Funds	Landowner Contribution	\$3,356.00	\$3,356.00	1/19/2021	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	250 LINEAR FEET	250 LINEAR FEET
638 - Water and Sediment Control Basin	2	2	820 LINEAR FEET	820 LINEAR FEET
638 - Water and Sediment Control Basin	6	6	2300 LINEAR FEET	2300 LINEAR FEET
638 - Water and Sediment Control Basin	5	5	1551 LINEAR FEET	1551 LINEAR FEET

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)	107.57	TONS/YR
SOIL (EST. SAVINGS)	148.98	TONS/YR
PHOSPHORUS (EST. REDUCTION)	107.57	LBS/YR

Grant Activity

Grant Activity - Fischer - BMP			
Description	6 Water & Sediment Control Basins and Underground Tile to control gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	16-Jun-20	End Date	15-Dec-20
Has Rates and Hours?	No		
Actual Results	6 water & sediment control basins, totaling 2055 LF, with underground outlets to control gully erosion. WCA Flex Funds for LWM for BMP Implementation linked to the following grants: 2018 State Cost Share 2019 State Cost Share 2019 Wetland Conservation Act 2019 Conservation Delivery 2020 Local Capacity		

Activity Action - Fischer - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	6
Description	6 water & sediment control basins with underground outlets to control gully erosion.		
Proposed Size / Units	2,300.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	2,300.00 LINEAR FEET	Installed Date	23-Nov-20
Mapped Activities	6 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Fischer - BMP			
Indicator Name	SEDIMENT (TSS)	Value	19.69
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080202		
Final Indicator for Fischer - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	56.27
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080202		

Final Indicator for Fischer - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	19.69
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080202		

Grant Activity - Local Match - 2020 Technician	
Description	2020 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	ADMINISTRATION/COORDINATION
Start Date	End Date
Has Rates and Hours?	No
Actual Results	2020 SWCD Local Capacity Services Technician Hours. Funds used 10% of 0.1 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.

Grant Activity - Soil Erosion - 2020 Technician	
Description	2020 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 - Soil Erosion - BMP Cost-Share Assistance

Description	Conservation Practices as defined by the Lyon County Comprehensive Local Water Management Plan and the 2020 Lyon SWCD Annual Plan. Practices include, but not limited to: grassed waterways (412), water and sediment control basins (638), diversion (362), filter strips (393), nutrient management (590), streambank/shoreland protection (580), terraces (600), critical area plantings (342), and well decommissions (351). Practices to be consistent with the BWSR FY20 State Cost-Share Policy and NRCS design specifications		
Category	AGRICULTURAL PRACTICES		
Start Date	18-Feb-20	End Date	20-Oct-20
Has Rates and Hours?	No		
Actual Results	250 LF streambank stabilization along the bank of the Redwood River in the City of Lynd, MN. Bank erosion was threatening impacts to infrastructure on the property.		

Grant Activity - Spencer & Brooke Kor - BMP

Description	Conservation Practices as defined by the Lyon County Comprehensive Local Water Management Plan and the 2020 Lyon SWCD Annual Plan. Practices include, but not limited to: grassed waterways (412), water and sediment control basins (638), diversion (362), filter strips (393), nutrient management (590), streambank/shoreland protection (580), terraces (600), critical area plantings (342), and well decommissions (351). Practices to be consistent with the BWSR FY20 State Cost-Share Policy and NRCS design specifications		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	18-Feb-20	End Date	20-Oct-20
Has Rates and Hours?	No		
Actual Results	250 LF streambank stabilization along the bank of the Redwood River in City of Lynd, MN. Bank erosion was threatening impacts to infrastructure on the property.		

Activity Action - Spencer & Brooke Kor - BMP			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Streambank Stabilization along Redwood River to stop bank erosion		
Proposed Size / Units	250.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	250.00 LINEAR FEET	Installed Date	20-Oct-20
Mapped Activities	1 Line(s)	Technical Assistance Provider	Other

Final Indicator for Spencer & Brooke Kor - BMP

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	070200060301		

Final Indicator for Spencer & Brooke Kor - BMP

Indicator Name	SEDIMENT (TSS)	Value	85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	070200060301		

Final Indicator for Spencer & Brooke Kor - BMP

Indicator Name	SOIL (EST. SAVINGS)	Value	85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	070200060301		

Grant Activity - Stan Pagel - BMP

Description	5 water & sediment control basins and underground outlet to control gully erosion. Practice to be consistent with the BWSR FY20 State Cost-Share Policy and NRCS design specifications.		
Category	AGRICULTURAL PRACTICES		
Start Date	27-Mar-20	End Date	21-Apr-20
Has Rates and Hours?	No		
Actual Results	5 Water & Sediment Control Basins with Underground outlets to control gully erosion. Practice was certified complete under NRCS design standards on 4/20/2020.		

Activity Action - Stan Pagel			
Practice	638 - Water and Sediment Control Basin	Count of Activities	5
Description	WASCOB		
Proposed Size / Units	1,551.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,551.00 LINEAR FEET	Installed Date	21-Apr-20
Mapped Activities	5 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Stan Pagel			
Indicator Name	SOIL (EST. SAVINGS)	Value	1.18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	071000010202		

Final Indicator for Stan Pagel			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.59
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	071000010202		

Final Indicator for Stan Pagel			
Indicator Name	SEDIMENT (TSS)	Value	.59
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	071000010202		

Grant Activity - Stephen Miller - BMP			
Description	#30-20 - Stephen Miller - Northwestern Farm Management - Water & Sediment Control Basin		
Category	AGRICULTURAL PRACTICES		
Start Date	15-Sep-20	End Date	19-Jan-21
Has Rates and Hours?	No		
Actual Results	#30/20 - Stephen Miller - Northwestern Farm Management - Installed 2 Water & Sediment Control Basins with Underground to control gully erosion		

Activity Action - Stephen Miller - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 water and sediment control basins and underground outlet to control gully erosion.		
Proposed Size / Units	820.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	820.00 LINEAR FEET	Installed Date	15-Jan-21
Mapped Activities	2 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Stephen Miller - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.29
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080102		

Final Indicator for Stephen Miller - BMP			
Indicator Name	SEDIMENT (TSS)	Value	2.29
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080102		

Final Indicator for Stephen Miller - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	6.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080102		

Grant Attachments

Document Name	Document Type	Description
2020 SWCD Local Capacity and Buffer Law Implementation	Grant Agreement	2020 SWCD Local Capacity and Buffer Law Implementation - Lyon SWCD
2020 SWCD Local Capacity and Buffer Law Implementation EXECUTED	Grant Agreement	2020 SWCD Local Capacity and Buffer Law Implementation - Lyon SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/21/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/21/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 09/16/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/30/2020

