



Grant All-Detail Report SWCD Local Capacity Services 2018

Grant Title - 2018 - SWCD Local Capacity Services (Lyon SWCD)

Grant ID - P18-6199

Organization - Lyon SWCD

Original Awarded Amount	\$114,400.00	Grant Execution Date	1/9/2018
Required Match Amount	\$0.00	Original Grant End Date	12/31/2020
Required Match %	0%	Grant Day To Day Contact	John Biren
Current Awarded Amount	\$114,400.00	Current End Date	12/31/2020

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$114,400.00	\$114,400.00	\$0.00
Total Match Amount	\$14,400.00	\$14,400.00	\$0.00
Total Other Funds	\$29,498.96	\$29,498.96	\$0.00
Total	\$158,298.96	\$158,298.96	\$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 - 2018 Equipment	Supplies/Equipment	Current State Grant	2018 - SWCD Local Capacity Services (Lyon SWCD)	\$7,755.50	\$7,755.50	7/10/2019	N
Excess Nutrients - 2018 Technician	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Lyon SWCD)	\$17,343.11	\$17,343.11	12/31/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Local Match - 2018 Technician	Technical/Engineering Assistance	Local Fund	2018 Local Capacity Match	\$14,400.00	\$14,400.00	12/31/2019	Y
Mark Fischer - BMP	Agricultural Practices	Current State Grant	2018 - SWCD Local Capacity Services (Lyon SWCD)	\$29,665.04	\$29,665.04	7/30/2020	N
Mark Fischer - BMP	Agricultural Practices	Other Funds	2019 - Conservation Delivery (Lyon SWCD)	\$2,465.39	\$2,465.39	7/30/2020	N
Mark Fischer - BMP	Agricultural Practices	Other Funds	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$4,018.60	\$4,018.60	7/30/2020	N
Mark Fischer - BMP	Agricultural Practices	Other Funds	Landowner Contribution	\$23,014.97	\$23,014.97	7/30/2020	N
Riparian Zone Management - 2018 Technician	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Lyon SWCD)	\$15,000.00	\$15,000.00	12/31/2020	N
Soil Erosion - 2018 Equipment	Supplies/Equipment	Current State Grant	2018 - SWCD Local Capacity Services (Lyon SWCD)	\$13,250.00	\$13,250.00	5/10/2018	N
Soil Erosion - 2018 Technician	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Lyon SWCD)	\$12,937.25	\$12,937.25	12/31/2020	N
Water Storage and Treatment - 2018 Technician	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Lyon SWCD)	\$18,449.10	\$18,449.10	12/31/2020	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	8	8	1803 LINEAR FEET	1803 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
SOIL (EST. SAVINGS)	79.40	TONS/YR
SEDIMENT (TSS)	27.79	TONS/YR
PHOSPHORUS (EST. REDUCTION)	27.79	LBS/YR

Grant Activity

Grant Activity - Excess Nutrients - 2018 Equipment			
Description	2018- SWCD Local Capacity Services: Excess Nutrient Equipment. These funds will be used to purchase a grass drill, partial pickup payment, and a mulcher-tucker.		
Category	SUPPLIES/EQUIPMENT		
Start Date	7-May-18	End Date	10-Jul-19
Has Rates and Hours?	No		
Actual Results	Purchased 2018 Brillion SMT-6 Seedbed Mulch Tucker (\$5,150.00) charged to grant. Partial payments towards the a Brillion 10-ft grass seeder (\$730.00) and 2019 Dodge Pickup (\$1,875.50) were also charged to grant.		

Grant Activity - Excess Nutrients - 2018 Technician

Description	2018 - SWCD Local Capacity Services: Excess Nutrients Hours. These funds will be used to support the creation of a new technician position for Lyon SWCD. 50% of the 1.0 FTE will be funded under this activity. Staff time will include: nutrient management/manure land application review, feedlot registration/compliance inspections, feedlot runoff modeling utilizing MinnFARM analysis, SSTS compliance inventory/soils investigations/maintenance plans. The Lyon County Comprehensive Local Water Management Plan will guide staff workload.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	22-Oct-18	End Date	31-Dec-20
Has Rates and Hours?	Yes		
Actual Results	2018 Technician hours applied to 2018 Local Capacity: Excess Nutrients- \$1,151.31. 2019 Technician hours applied to 2018 Local Capacity: Excess Nutrients- \$2,446.24. 2020 Technician hours applied to 2018 Local Capacity: Excess Nutrients- \$13,745.56.		

Grant Activity - Local Match - 2018 Technician

Description	2018 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	22-Oct-18	End Date	31-Dec-19
Has Rates and Hours?	Yes		
Actual Results	Local Funds used for hours for 2018 SWCD Local Capacity Services Technician, \$14,400. Staff time will included Excess Nutrients workload in 2019. Lyon County Local Comprehensive Water Plan guided staff workload.		

Grant Activity - Mark Fischer - BMP			
Description	Contract #20/19 - 8 water and sediment control basins and underground outlet to control gully erosion in Lynd 7.		
Category	AGRICULTURAL PRACTICES		
Start Date	21-May-19	End Date	21-Jul-20
Has Rates and Hours?	No		
Actual Results	8 Water & Sediment Control Basins, totaling 1803 LF, with Underground Outlets were installed to control gully erosion.		

Activity Action - Mark Fischer, Lynd 7 - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	8
Description	8 water & sediment control basins and underground outlets to control gully erosion.		
Proposed Size / Units	1,803.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,803.00 LINEAR FEET	Installed Date	26-Jun-20
Mapped Activities	8 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Mark Fischer, Lynd 7 - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	79.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060401		

Final Indicator for Mark Fischer, Lynd 7 - BMP			
Indicator Name	SEDIMENT (TSS)	Value	27.79
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060401		

Final Indicator for Mark Fischer, Lynd 7 - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	27.79
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060401		

Grant Activity - Riparian Zone Management - 2018 Technician

Description	2018 - SWCD Local Capacity Services: Riparian Zone Management Hours. These funds will be used to support the creation of a new technician position for Lyon SWCD. Staff time will include: streambank/shoreland stabilization, FEMA floodplain assistance with landowners, and flood management projects. The Lyon County Comprehensive Local Water Management Plan will guide staff workload.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Jan-19	End Date	31-Dec-20
Has Rates and Hours?	Yes		
Actual Results	2018- No funds expended. 2019 Technician hours applied to 2018 Local Capacity: Riparian Zone Management- \$12,254.88. 2020 Technician hours applied to 2018 Local Capacity: Riparian Zone Management- \$2,745.12.		

Grant Activity - Soil Erosion - 2018 Equipment

Description	2018 - SWCD Local Capacity Services: Soil Erosion Equipment. These funds will be used to purchase a fully-enclosed Utility Terrain Vehicle for the Lyon SWCD. Equipment will be utilized to implement timely and effective delivery of conservation practices in the field.		
Category	SUPPLIES/EQUIPMENT		
Start Date	10-May-18	End Date	
Has Rates and Hours?	No		
Actual Results	The SWCD purchased a 2018 Polaris Ranger XP 900 to assist with field work on 5/10/2018. \$13,250.00 charged to grant.		

Grant Activity - Soil Erosion - 2018 Technician

Description	2018 - SWCD Local Capacity Services: Soil Erosion Hours. These funds will be used to support the creation of a new technician position for Lyon SWCD. 20% of the 1.0 FTE will be funded under this activity. Staff time will include: conservation practice feasibility inventories, project documentation, field data collection, annual reporting. The Lyon County Comprehensive Local Water Management Plan will guide staff workload.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	22-Oct-18	End Date	31-Dec-20
Has Rates and Hours?	Yes		
Actual Results	2018 Technician hours applied to 2018 Local Capacity: Soil Erosion- \$4,610.69. 2019 Technician hours applied to 2018 Local Capacity: Soil Erosion- \$5,091.84. 2020 Technician hours applied to 2018 Local Capacity: Soil Erosion- \$3,234.72.		

Grant Activity - Water Storage and Treatment - 2018 Technician

Description	2018 - SWCD Local Capacity Services: Water Storage and Treatment Hours. These funds will be used to support the creation of a new technician position for Lyon SWCD. 30% of the 1.0 FTE will be funded under this activity. Staff time will include: conservation easement project development, easement spot checks, grade stabilization project coordination/survey/design assistance, drainage request reviews, field compliance investigations. The Lyon County Comprehensive Local Water Management Plan will guide staff workload.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	22-Oct-18	End Date	31-Dec-20
Has Rates and Hours?	Yes		
Actual Results	2018- No funds expended. 2019 Technician hours applied to 2018 Local Capacity: Water Storage & Treatment- \$8,473.76. 2020 Technician hours applied to 2018 Local Capacity: Water Storage & Treatment- \$9,975.34.		

Grant Attachments

Document Name	Document Type	Description
2018 Local Capacity - Work Plan	Grant	2018 - SWCD Local Capacity Services (Lyon SWCD)
2018 SWCD Capacity Amendment EXECUTED - Lyon SWCD	Grant	2018 - SWCD Local Capacity Services (Lyon SWCD)
2018 SWCD Capacity Amendment UNEXECUTED - Lyon SWCD	Grant	2018 - SWCD Local Capacity Services (Lyon SWCD)

Document Name	Document Type	Description
2018 SWCD Local Capacity Services Financial Report	Grant	2018 - SWCD Local Capacity Services (Lyon SWCD)
2018/2019 Programs and Operations Grants	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Lyon SWCD
2018/2019 Programs and Operations Grants executed	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Lyon SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/09/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/08/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/24/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/10/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/04/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/23/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/14/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/27/2019
County Match Motion	Grant	2018 - SWCD Local Capacity Services (Lyon SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 04/10/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/21/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/05/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 08/31/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/03/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/27/2020