



Grant All-Detail Report SWCD Local Capacity Services 2017

Grant Title - 2017 - SWCD Local Capacity Services (Lyon SWCD)

Grant ID - P17-0940

Organization - Lyon SWCD

Original Awarded Amount	\$118,000.00	Grant Execution Date	2/10/2017
Required Match Amount	\$0.00	Original Grant End Date	12/31/2019
Required Match %	0%	Grant Day To Day Contact	Anita Cauwels
Current Awarded Amount	\$118,000.00	Current End Date	12/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$118,000.00	\$118,000.00	\$0.00
Total Match Amount	\$18,000.00	\$18,000.00	\$0.00
Total Other Funds	\$16,221.85	\$16,221.85	\$0.00
Total	\$152,221.85	\$152,221.85	\$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
Albee/Johnson - BMP	Agricultural Practices	Current State Grant	2017 - SWCD Local Capacity Services (Lyon SWCD)	\$13,650.63	\$13,650.63	9/18/2019	N
Excess Nutrients - 2017 Technician	Technical/Engineering Assistance	Current State Grant	2017 - SWCD Local Capacity Services (Lyon SWCD)	\$20,783.95	\$20,783.95	12/31/2018	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Jim Vandendriessche - BMP	Agricultural Practices	Current State Grant	2017 - SWCD Local Capacity Services (Lyon SWCD)	\$4,993.35	\$4,993.35	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	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$842.82	\$842.82	12/17/2019	N
Jim Vandendriessche - BMP	Agricultural Practices	Other Funds	25% Landowner Contribution	\$2,072.92	\$2,072.92	12/17/2019	Y
Local Match - 2017 Technician	Technical/Engineering Assistance	Local Fund	County Match	\$18,000.00	\$18,000.00	12/31/2019	Y
Patzer/Snodgrass - BMP	Agricultural Practices	Current State Grant	2017 - SWCD Local Capacity Services (Lyon SWCD)	\$13,770.50	\$13,770.50	12/17/2019	N
Patzer/Snodgrass - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$12,923.50	\$12,923.50	12/10/2019	N
Soil Erosion - 2017 Equipment	Supplies/Equipment	Current State Grant	2017 - SWCD Local Capacity Services (Lyon SWCD)	\$26,750.00	\$26,750.00	7/10/2019	N
Soil Erosion - 2017 Technician	Technical/Engineering Assistance	Current State Grant	2017 - SWCD Local Capacity Services (Lyon SWCD)	\$23,753.10	\$23,753.10	12/31/2018	N
Water Storage & Treatment - 2017 Technician	Technical/Engineering Assistance	Current State Grant	2017 - SWCD Local Capacity Services (Lyon SWCD)	\$14,298.47	\$14,298.47	12/31/2018	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	1	1	1290 LINEAR FEET	1290 LINEAR FEET
638 - Water and Sediment Control Basin	1	1	1 COUNT	1 COUNT
587 - Structure for Water Control	1	1	350 LINEAR FEET	350 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)	61.98	TONS/YR
SEDIMENT (TSS)	55.34	TONS/YR
PHOSPHORUS (EST. REDUCTION)	55.34	LBS/YR

Grant Activity

Grant Activity - Albee/Johnson - BMP			
Description	Reconstruction of failing grassed waterway along fenceline, project costs shared by each landowner.		
Category	AGRICULTURAL PRACTICES		
Start Date	25-Oct-18	End Date	21-Dec-18
Has Rates and Hours?	No		
Actual Results	1290 LF Grassed Waterway with 1300 LF of 6" seepage tile installed to control gully erosion.		

Activity Action - Albee/Johnson - BMP			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	1290 LF grassed waterway reconstructed (previous waterway silted in). 445 LF diversion berm on east side of waterway, 1300 LF of 6" seepage tile		
Proposed Size / Units	1,290.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,290.00 LINEAR FEET	Installed Date	21-Dec-18
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	

Final Indicator for Albee/Johnson - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.34

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080202		
Final Indicator for Albee/Johnson - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	3.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080202		
Final Indicator for Albee/Johnson - BMP			
Indicator Name	SEDIMENT (TSS)	Value	1.34
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080202		

Grant Activity - Excess Nutrients - 2017 Technician			
Description	2017- SWCD Local Capacity Services: Excess Nutrients Hours. These funds will be used to support the creation of a new technician position for Lyon SWCD. 35% of the 1.0 FTE will be funded under this activity. Staff time will include reviewing nutrient management plans/manure application records, runoff modeling utilizing the MinnFARM analysis, compliance inspections on animal feedlots, SSTS compliance inventory, SSTS soils investigation and maintenance plans. The Lyon County Comprehensive Local Water Management Plan will guide staff workload.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	3-Nov-17	End Date	31-Dec-18
Has Rates and Hours?	Yes		
Actual Results	2017 Technician hours applied to Local Capacity Services: Excess Nutrients was \$2,805.11. 2018 Technician hours applied to Local Capacity Services: Excess Nutrients was \$17,978.84. Technician workload included feedlot registration and compliance inspection, feedlot reporting, nutrient management review, and SSTS inventory and review.		

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)	Technical Assistance Provider	

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		

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	SEDIMENT (TSS)	Value	2.23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080401		

Grant Activity - Local Match - 2017 Technician			
Description	2017 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	3-Nov-17	End Date	31-Dec-19
Has Rates and Hours?	No		
Actual Results	Funds used for 1.0 FTE Technician to complete work on soil erosion, excess nutrients, and water storage and treatment projects. The Lyon County Comprehensive Water Plan guided staff workload.		

Grant Activity - Patzer/Snodgrass - BMP			
Description	350 LF streambank stabilization project to control rapid erosion of bank and threat to infrastructure (garage).		
Category	AGRICULTURAL PRACTICES		
Start Date	12-Nov-19	End Date	10-Dec-19
Has Rates and Hours?	No		
Actual Results	350 LF streambank stabilization project to control rapid erosion of bank and threat to infrastructure (garage). Additional fill material required to ensure area of curvature on bank.		

Activity Action - Patzer/Snodgrass - BMP			
Practice	587 - Structure for Water Control	Count of Activities	1
Description	350 LF of Streambank Stabilization to control rapid bank erosion that was threatening infrastructure (garage).		
Proposed Size / Units	350.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	350.00 LINEAR FEET	Installed Date	10-Dec-19
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Final Indicator for Patzer/Snodgrass - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	51.77
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	070200060301		

Final Indicator for Patzer/Snodgrass - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	51.77
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	070200060301		
Final Indicator for Patzer/Snodgrass - BMP			
Indicator Name	SEDIMENT (TSS)	Value	51.77
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	070200060301		

Grant Activity - Soil Erosion - 2017 Equipment			
Description	2017 Local Capacity Services - Soil Erosion. Funds to be used to purchase a new 2019 Dodge Ram 1500 Pickup Truck for more effective assistance and implementation of soil erosion control projects.		
Category	SUPPLIES/EQUIPMENT		
Start Date	10-Jul-19	End Date	10-Jul-19
Has Rates and Hours?	No		
Actual Results	2019 Dodge Ram 1500 Pickup for practice outreach and implementation.		

Grant Activity - Soil Erosion - 2017 Technician			
Description	2017- SWCD Local Capacity Services: Soil Erosion Hours. These funds will be used to support the creation of a new technician position for Lyon SWCD. 25% of the 1.0 FTE will be funded under this activity. Staff time will include conducting practice feasibility inventories (financial and technical), project documentation, and annual reporting. The Lyon County Comprehensive Local Water Management Plan will guide staff workload. Practice installation and documentation will be consistent with BWSR State Cost-Share Policy.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	3-Nov-17	End Date	31-Dec-18
Has Rates and Hours?	Yes		
Actual Results	2017 Technician hours applied to Local Capacity Services: Soil Erosion was \$5,578. 2018 Technician hours applied to Local Capacity Services: Excess Nutrients was \$18,175.09. Technician workload included project feasibility and documentation, field data collection and reporting.		

Grant Activity - Water Storage & Treatment - 2017 Technician

Description	2017- 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. 40% of the 1.0 FTE will be funded under this activity. Staff time will include conservation easement implementation, existing easement compliance inspections, drainage request review, and wetland restoration plan review. The Lyon County Comprehensive Local Water Management Plan will guide staff workload.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	3-Nov-17	End Date	31-Dec-18
Has Rates and Hours?	Yes		
Actual Results	2017 Technician hours applied to Local Capacity Services: Water Storage & Treatment was \$32.21. 2018 Technician hours applied to Local Capacity Services: Water Storage & Treatment was \$14,266.29. Technician workload included easement implementation and inspection and drainage request review.		

Grant Attachments

Document Name	Document Type	Description
2017 Levy and Budget Documentation	Grant	2017 - SWCD Local Capacity Services (Lyon SWCD)
2017 Local Capacity Work Plan - Revised	Grant	2017 - SWCD Local Capacity Services (Lyon SWCD)
2017 SWCD Local Capacity Services	Grant Agreement	2017 SWCD Local Capacity Services - Lyon SWCD
2017 SWCD Local Capacity Services Financial Report	Grant	2017 - SWCD Local Capacity Services (Lyon SWCD)
2017 SWCD Local Capacity Services executed	Grant Agreement	2017 SWCD Local Capacity Services - Lyon SWCD
5/19/2020 Noncompliance Letter	Grant	2017 - SWCD Local Capacity Services (Lyon SWCD)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/03/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/27/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/26/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/04/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/06/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/05/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/16/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/23/2018
P17-0940 Reconciliation B Checklist	Journal	Journal Dated - 05/20/2020

Document Name	Document Type	Description
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/02/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/23/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/19/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/06/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/08/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/31/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/05/2017
Workplan Amendment Request	Journal	Journal Dated - 01/23/2019