



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

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

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$114,400.00	\$114,400.00	\$0.00
Total Match Amount	\$19,840.68	\$19,840.68	\$0.00
Total Other Funds	\$156,263.49	\$156,263.49	\$0.00
Total	\$290,504.17	\$290,504.17	\$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
Derek Wooge - BMP	Agricultural Practices	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$10,488.15	\$10,488.15	7/23/2020	N
Derek Wooge - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$3,496.05	\$3,496.05	7/23/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Excess Nutrients - 2019 Technician	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$13,149.01	\$13,149.01	12/31/2021	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
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
Lee Bush - BMP	Agricultural Practices	Federal Funds	EQIP Contribution	\$10,691.77	\$10,691.77	12/19/2019	N
Lee Bush - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$1,558.62	\$1,558.62	12/19/2019	N
Local Match - 2019 Technician	Technical/Engineering Assistance	Local Fund	Lyon County, MN	\$14,400.00	\$14,400.00	12/31/2021	Y
Mark Fischer - BMP	Agricultural Practices	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$4,018.60	\$4,018.60	7/30/2020	N
Mark Fischer - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$23,014.97	\$23,014.97	7/30/2020	N
Mark Fischer - BMP	Agricultural Practices	Other Funds	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
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

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
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
Riparian Zone Management - 2019 Technician	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$13,949.74	\$13,949.74	12/31/2021	N
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
Soil Erosion - 2019 Technician	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$18,002.10	\$18,002.10	12/31/2021	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
Steve Williams - BMP	Agricultural Practices	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$2,739.33	\$2,739.33	2/16/2021	N
Steve Williams - BMP	Agricultural Practices	Federal Funds	NRCS EQIP Funds	\$13,822.02	\$13,822.02	2/16/2021	N
Steve Williams - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$9,538.65	\$9,538.65	2/16/2021	N
Steve Williams - BMP	Agricultural Practices	Local Fund	Lyon SWCD Local Funds	\$7,000.00	\$7,000.00	2/16/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Water Storage & Treatment - 2019 Technician	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$20,300.20	\$20,300.20	12/31/2021	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
638 - Water and Sediment Control Basin	1	1	1 COUNT	1 COUNT
638 - Water and Sediment Control Basin	8	8	1803 LINEAR FEET	1803 LINEAR FEET
638 - Water and Sediment Control Basin	4	4	1691 LINEAR FEET	1691 LINEAR FEET
638 - Water and Sediment Control Basin	3	3	932 LINEAR FEET	932 LINEAR FEET
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

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)	104.67	TONS/YR
SOIL (EST. SAVINGS)	323.71	TONS/YR
PHOSPHORUS (EST. REDUCTION)	106.45	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	21-Jul-20
Has Rates and Hours?	No		
Actual Results	3 water & sediment control basins, totaling 932 LF, and underground outlets were installed to control gully erosion.		

Activity Action - Derek Wooge - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	3
Description	3 water & sediment control basins, totaling 932 LF, and underground outlet to control gully erosion.		
Proposed Size / Units	932.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	932.00 LINEAR FEET	Installed Date	8-Jun-20
Mapped Activities	3 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Derek Wooge - BMP			
Indicator Name	SEDIMENT (TSS)	Value	5.34
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060103		
Final Indicator for Derek Wooge - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	30.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060103		
Final Indicator for Derek Wooge - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5.34
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060103		

Grant Activity - Excess Nutrients - 2019 Technician

Description	2019- SWCD Local Capacity Services: Excess Nutrients 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: nutrient management/manure land application review, feedlot runoff modeling utilizing MinnFARM analysis, buffer/filter strip assessments on watercourses, SSTS compliance inventory and maintenance plans. The Lyon County Comprehensive Local Water Management Plan will guide staff workload.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	19-Oct-20	End Date	31-Dec-21
Has Rates and Hours?	Yes		
Actual Results	2020 Technician hours applied to FY19 Local Capacity: Excess Nutrients- \$842.45. 2021 Technician hours applied to FY19 Local Capacity: Excess Nutrients- \$12,306.56		

Grant Activity - Jim Opdahl - BMP

Description	2 Water & Sediment Control Basins and Underground Outlet to control gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	20-Aug-19	End Date	21-Jan-20
Has Rates and Hours?	No		
Actual Results	2 water and sediment control basins and underground outlet to control gully erosion.		

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)	Technical Assistance Provider	

Final Indicator for Jim Opdahl - BMP

Indicator Name	SEDIMENT (TSS)	Value	3.27
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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	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	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)	Technical Assistance Provider	

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		
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)	Technical Assistance Provider	

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		

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
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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	1-Jan-19	End Date	31-Dec-21
Has Rates and Hours?	Yes		
Actual Results	FY19 Local Capacity Services Local Match from 2021 Technician hours worked under "Excess Nutrients" duties. 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.		

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	PHOSPHORUS (EST. REDUCTION)	Value	27.79
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/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		

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)	Technical Assistance Provider	

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		

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		

Grant Activity - Riparian Zone Management - 2019 Technician

Description	2019 - 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. 10% of the 1.0 FTE will be funded under this activity. 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	31-Jul-20	End Date	31-Dec-21
Has Rates and Hours?	Yes		
Actual Results	2020 Technician hours applied to FY19 Local Capacity: Riparian Zone Management- \$2,561.58 and 2021 Technician hours applied to FY19 Local Capacity: Riparian Zone Management- \$11,388.16		

Grant Activity - Soil Erosion - 2019 Technician

Description	2019 - SWCD Local Capacity Services: Soil Erosion 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 practice feasibility, project documentation, field data collection, practice design and implementation, and annual reporting. The Lyon County Comprehensive Local Water Management Plan will guide staff workload.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	8-Apr-20	End Date	31-Dec-21
Has Rates and Hours?	Yes		
Actual Results	2020 Technician hours applied to FY19 Local Capacity: Soil Erosion- \$14,764.74 and 2021 Technician hours applied to FY19 Local Capacity: Soil Erosion- \$3,237.36		

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)	Technical Assistance Provider	

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	SEDIMENT (TSS)	Value	13.36
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		

Grant Activity - Steve Williams - BMP

Description	Contract #07/19: cost-share assistance for 4 water and sediment control basins and underground outlet to combat gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	21-May-19	End Date	16-Feb-21
Has Rates and Hours?	No		
Actual Results	4 water and sediment control basins and underground outlet to control gully erosion. This project was jointly funded through USDA - EQIP funds along with local funds from Lyon SWCD.		

Activity Action - Steve Williams - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	4
Description	4 water & sediment control basins and underground outlet to control gully erosion.		
Proposed Size / Units	1,691.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,691.00 LINEAR FEET	Installed Date	14-Dec-20
Mapped Activities	4 Point(s)	Technical Assistance Provider	NRCS

Final Indicator for Steve Williams - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	33.87
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060204		
Final Indicator for Steve Williams - BMP			
Indicator Name	SEDIMENT (TSS)	Value	11.85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060204		
Final Indicator for Steve Williams - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	13.63
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060204		

Grant Activity - Water Storage & Treatment - 2019 Technician			
Description	2019 - SWCD Local Capacity Services : Water Storage & Treatment hours. These funds will be used to support the creation of a new technician for Lyon SWCD. 20% 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 inventory/review/design assistance, and drainage request reviews. The Lyon County Comprehensive Local Water Management Plan will guide staff workload.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	16-Sep-20	End Date	31-Dec-21
Has Rates and Hours?	Yes		
Actual Results	2020 Technician hours applied to FY19 Local Capacity: Water Storage & Treatment- \$2,414.18 and 2021 Technician hours applied to FY19 Local Capacity: Water Storage & Treatment- \$17,886.02.		

Grant Attachments

Document Name	Document Type	Description
2019 SWCD Local Capacity and Buffer Law Implementation	Grant Agreement	2019 SWCD Local Capacity and Buffer Law Implementation - Lyon SWCD
2019 SWCD Local Capacity and Buffer Law Implementation Amendment	Grant Agreement Amendment	
2019 SWCD Local Capacity and Buffer Law Implementation EXECUTED	Grant Agreement	2019 SWCD Local Capacity and Buffer Law Implementation - Lyon SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/24/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/18/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/17/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/11/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/07/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/07/2021
County Match Motion	Grant	2019 - SWCD Local Capacity Services (Lyon SWCD)
Unexecuted Grant Amendment	Grant Agreement Amendment	
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 08/21/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/06/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/30/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/17/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/06/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/07/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/27/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/13/2022
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/13/2019