



Grant All-Detail Report Conservation Delivery 2017

Grant Title - 2017 - Conservation Delivery (Lyon SWCD)

Grant ID - P17-3987

Organization - Lyon SWCD

Original Awarded Amount	\$19,224.00	Grant Execution Date	
Required Match Amount	\$0.00	Original Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Anita Cauwels
Current Awarded Amount	\$19,224.00	Current End Date	12/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$19,224.00	\$19,224.00	\$0.00
Total Match Amount	\$10,941.86	\$10,941.86	\$0.00
Total Other Funds	\$31,977.65	\$31,977.65	\$0.00
Total	\$62,143.51	\$62,143.51	\$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
Allan Telste - BMP	Agricultural Practices	Current State Grant	2017 - Conservation Delivery (Lyon SWCD)	\$4,412.93	\$4,412.93	12/18/2018	N
Allan Telste - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$1,470.97	\$1,470.97	12/18/2018	Y
Frank Engels-BMP	Agricultural Practices	Current State Grant	2017 - Conservation Delivery (Lyon SWCD)	\$3,093.75	\$3,093.75	12/18/2019	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Frank Engels-BMP	Agricultural Practices	Landowner Fund	25% Landowner Contribution	\$1,031.25	\$1,031.25	12/18/2019	Y
Matt Remhof - BMP	Agricultural Practices	Current State Grant	2017 - Conservation Delivery (Lyon SWCD)	\$8,500.44	\$8,500.44	11/19/2019	N
Matt Remhof - BMP	Agricultural Practices	Landowner Fund	25% Landowner Contribution	\$6,558.36	\$6,558.36	11/19/2019	Y
Matt Remhof - BMP	Agricultural Practices	Other Funds	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$11,174.65	\$11,174.65	11/19/2019	N
Sandra Doyscher - BMP	Agricultural Practices	Current State Grant	2017 - Conservation Delivery (Lyon SWCD)	\$1,239.24	\$1,239.24	12/28/2017	N
Sandra Doyscher - BMP	Agricultural Practices	Landowner Fund	25% Landowner Contribution	\$3,676.25	\$3,676.25	12/28/2017	N
Sandra Doyscher - BMP	Agricultural Practices	Other Funds	2016 - Conservation Delivery (Lyon SWCD)	\$9,789.51	\$9,789.51	12/21/2017	N
Sandra Doyscher - BMP	Agricultural Practices	Other Funds	Landowner Contribution	\$4,381.26	\$4,381.26	12/21/2017	N
Signs for County Lines	Education/Information	Current State Grant	2017 - Conservation Delivery (Lyon SWCD)	\$984.05	\$984.05	8/6/2018	N
Steve Prairie - BMP	Agricultural Practices	Current State Grant	2017 - Conservation Delivery (Lyon SWCD)	\$993.59	\$993.59	12/17/2019	N
Steve Prairie - BMP	Agricultural Practices	Landowner Fund	25% Landowner Contribution	\$1,881.28	\$1,881.28	12/17/2019	Y
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	2019 - SWCD Local Capacity Services (Lyon SWCD)	\$77.55	\$77.55	12/17/2019	N
Steve Prairie - BMP	Agricultural Practices	Other Funds	25% Landowner Contribution	\$1,118.35	\$1,118.35	12/17/2019	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	1	1	927 LINEAR FEET	927 LINEAR FEET
412 - Grassed Waterway and Swales	2	2	747 LINEAR FEET	747 LINEAR FEET
638 - Water and Sediment Control Basin	2	2	2 COUNT	2 COUNT
638 - Water and Sediment Control Basin	5	5	5 COUNT	5 COUNT
638 - Water and Sediment Control Basin	2	2	1015 LINEAR FEET	1015 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)	136.78	TONS/YR
SEDIMENT (TSS)	47.22	TONS/YR
PHOSPHORUS (EST. REDUCTION)	47.32	LBS/YR

Grant Activity

Grant Activity - Allan Telste - BMP			
Description	Grassed waterway with underground outlet to combat gully erosion within and alongside of an existing waterway that has reached its effective lifespan.		
Category	AGRICULTURAL PRACTICES		
Start Date	17-Jul-18	End Date	18-Dec-18
Has Rates and Hours?	No		
Actual Results	927 LF grassed waterway, 12-ft channel bottom with 8:1 side slopes & 950 LF 6" perforated tile with 8" CMP outlet with rodent guard.		

Activity Action - Allan Telste - BMP			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	927 LF grassed waterway, 12-ft channel bottom with 8:1 side slopes & 950 LF 6" perforated tile with 8" CMP outlet with rodent guard.		
Proposed Size / Units	927.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	927.00 LINEAR FEET	Installed Date	10-Sep-18
Mapped Activities	1 Polygon(s)		

Final Indicator for Allan Telste - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040601 (Yellow Medicine - JD7)		
Final Indicator for Allan Telste - BMP			
Indicator Name	SEDIMENT (TSS)	Value	3.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040601 (Yellow Medicine - JD7)		
Final Indicator for Allan Telste - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	9.99
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040601 (Yellow Medicine - JD7)		

Grant Activity - Frank Engels-BMP			
Description	2 Water & Sediment Control Basins and Underground Outlet		
Category	AGRICULTURAL PRACTICES		
Start Date	16-Oct-18	End Date	12-Dec-19
Has Rates and Hours?	No		
Actual Results	2 Water & Sediment Control Basins with Underground Outlets to control gully erosion.		

Activity Action - Frank Engels - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 Water & Sediment Control Basins with Underground Outlet to control gully erosion.		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	12-Dec-19
Mapped Activities	2 Point(s)		

Final Indicator for Frank Engels - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8.67
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040403		
Final Indicator for Frank Engels - BMP			
Indicator Name	SEDIMENT (TSS)	Value	8.67
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040403		
Final Indicator for Frank Engels - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	24.76
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040403		

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	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		
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		

Grant Activity - Sandra Doyscher - BMP			
Description	2 Water & Sediment Control Basins with Underground Outlets		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Apr-16	End Date	21-Dec-17
Has Rates and Hours?	No		
Actual Results	2 Water & Sediment Control Basins with Underground Outlets.		

Activity Action - Sandra Doyscher			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 Narrow-Based Water & Sediment Control Basins with 780 Feet of Underground Outlet installed to control gully erosion.		
Proposed Size / Units	1,015.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,015.00 LINEAR FEET	Installed Date	13-Nov-17
Mapped Activities	2 Point(s)		

Final Indicator for Sandra Doyscher			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	0.77
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	South Branch Yellow Medicine River		
Final Indicator for Sandra Doyscher			
Indicator Name	SOIL (EST. SAVINGS)	Value	3.81
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	South Branch Yellow Medicine River		
Final Indicator for Sandra Doyscher			
Indicator Name	SEDIMENT (TSS)	Value	0.67
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	South Branch Yellow Medicine River		

Grant Activity - Signs for County Lines			
Description	Lyon County Soil & Water welcome signs on the county lines by Western Printing Group of Marshall, MN.		
Category	EDUCATION/INFORMATION		
Start Date	26-Jul-18	End Date	26-Jul-18
Has Rates and Hours?	No		
Actual Results	9 vinyl welcome signs were purchased to replace existing, purchased from Western Printing Group of Marshall, MN.		

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	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	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		

Grant Attachments

Document Name	Document Type	Description
2017 Conservation Delivery Financial Report	Grant	2017 - Conservation Delivery (Lyon SWCD)
2017 Cost Share/Conserv Deliv Amendment EXECUTED	Grant Agreement Amendment	
2017 SWCD Programs and Operations Addendum	Grant Agreement	2017 Programs and Operations Addendum - Lyon SWCD
2017 SWCD Programs and Operations Addendum executed	Grant Agreement	2017 Programs and Operations Addendum - Lyon SWCD
2018 Buffer Law Implementation Financial Report	Grant	2017 - Conservation Delivery (Lyon SWCD)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/15/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/22/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/23/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/16/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/28/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/27/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/20/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/16/2020
Unexecuted Grant Agreement Amendment	Grant Agreement Amendment	