



## Grant All-Detail Report Cost Share 2020

**Grant Title** - 2020 - State Cost-Share Fund (Lyon SWCD)

**Grant ID** - P20-5213

**Organization** - Lyon SWCD

<b>Original Awarded Amount</b>	<b>\$14,141.00</b>	<b>Grant Execution Date</b>	<b>8/27/2019</b>
<b>Required Match Amount</b>	\$3,535.25	<b>Original Grant End Date</b>	12/31/2022
<b>Required Match %</b>	25%	<b>Grant Day To Day Contact</b>	Anita Cauwels
<b>Current Awarded Amount</b>	\$14,141.00	<b>Current End Date</b>	12/31/2022

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$10,561.53	\$10,561.53	\$3,579.47
Total Match Amount	\$1,000.00	\$1,000.00	\$0.00
Total Other Funds	\$49,345.81	\$49,345.81	\$0.00
<b>Total</b>	<b>\$60,907.34</b>	<b>\$60,907.34</b>	<b>\$3,579.47</b>

\*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
Charles Joel - Well Sealing	Groundwater	Current State Grant	2020 - State Cost-Share Fund (Lyon SWCD)	\$500.00	\$500.00	12/24/2020	N
Charles Joel - Well Sealing	Groundwater	Other Funds	2019 Conservation Delivery (Lyon SWCD)	\$181.91	\$181.91	12/24/2020	N
Charles Joel - Well Sealing	Groundwater	Other Funds	Landowner Contribution	\$2,382.50	\$2,382.50	12/24/2020	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Charles Klukas - South Basin - BMP	Agricultural Practices	Current State Grant	2020 - State Cost-Share Fund (Lyon SWCD)	\$840.98	\$840.98	12/24/2020	N
Charles Klukas - South Basin - BMP	Agricultural Practices	Other Funds	2019 - State Cost-Share Fund (Lyon SWCD)	\$8,844.85	\$8,844.85	12/24/2020	N
Charles Klukas - South Basin - BMP	Agricultural Practices	Other Funds	Landowner Contribution	\$3,228.62	\$3,228.62	12/24/2020	Y
Jerry Gladis - Well Sealing	Groundwater	Current State Grant	2020 - State Cost-Share Fund (Lyon SWCD)	\$500.00	\$500.00	12/24/2020	N
Jerry Gladis - Well Sealing	Groundwater	Landowner Fund	Landowner Contribution	\$1,000.00	\$1,000.00	11/1/2020	Y
Mark Boerboom - BMP	Agricultural Practices	Current State Grant	2020 - State Cost-Share Fund (Lyon SWCD)	\$3,147.26	\$3,147.26	11/25/2020	N
Mark Boerboom - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$1,049.09	\$1,049.09	11/25/2020	N
Perry Banks - BMP	Agricultural Practices	Current State Grant	2020 - State Cost-Share Fund (Lyon SWCD)	\$3,909.10	\$3,909.10	10/30/2020	N
Perry Banks - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$1,303.03	\$1,303.03	10/30/2020	N
Spencer & Brooke Kor - BMP	Streambank or Shoreline Protection	Current State Grant	2020 - State Cost-Share Fund (Lyon SWCD)	\$1,664.19	\$1,664.19	10/29/2020	N
Spencer & Brooke Kor - BMP	Streambank or Shoreline Protection	Other Funds	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	Other Funds	Landowner Contribution	\$8,355.81	\$8,355.81	10/29/2020	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	675 LINEAR FEET	675 LINEAR FEET

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	1	1	260 LINEAR FEET	260 LINEAR FEET
351 - Well Decommissioning	2	2	1 COUNT	1 COUNT
412 - Grassed Waterway and Swales	1	2	1075 LINEAR FEET	1075 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)	105.22	TONS/YR
SOIL (EST. SAVINGS)	142.78	TONS/YR
PHOSPHORUS (EST. REDUCTION)	105.22	LBS/YR
PREVENTION	2.00	COUNT

## Grant Activity

Grant Activity - Charles Joel - Well Sealing			
Description	#36/20 - Charles & Nancy Joel - Well Decommissioning		
Category	GROUNDWATER		
Start Date	17-Nov-20	End Date	18-Nov-20
Has Rates and Hours?	No		
Actual Results	Sealed 4", 190 Feet Deep Well for Charles Joel		

Activity Action - Charles Joel - Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	#36/20 - Charles Joel - Well Decommissioning		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	18-Nov-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Charles Joel - Well Sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Unknown
Waterbody	Groundwater		

Grant Activity - Charles Klukas - South Basin - BMP			
Description	#01/20 - Charles Klukas - South Basin - Water & Sediment Control Basin with underground outlet to control gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	8-Sep-20	End Date	08-Dec-20
Has Rates and Hours?	No		
Actual Results	#01/20 - Charles Klukas - South Basin - Put in Basin, Tile and Seeding.		

Activity Action - Charles Klukas - South Basin - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	1 water & sediment control basin and underground outlet to control gully erosion.		
Proposed Size / Units	260.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	260.00 LINEAR FEET	Installed Date	2-Dec-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Charles Klukas - South Basin - BMP			
Indicator Name	SEDIMENT (TSS)	Value	4.39
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060103		

Final Indicator for Charles Klukas - South Basin - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4.39
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060103		
Final Indicator for Charles Klukas - South Basin - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	12.54
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060103		

Grant Activity - Jerry Gladis - Well Sealing			
Description	Well Decommissioning of 12", 30ft. well.		
Category	GROUNDWATER		
Start Date	1-Nov-20	End Date	15-Dec-20
Has Rates and Hours?	No		
Actual Results	Well Decommissioning - Sealed 12", 30' well		

Activity Action - Jerry Gladis - Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well Sealing		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	1-Nov-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Jerry Gladis - Well Sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Unknown
Waterbody	Groundwater		

Grant Activity - Mark Boerboom - BMP			
Description	Grassed Waterway with Underground Outlet		
Category	AGRICULTURAL PRACTICES		
Start Date	18-Aug-20	End Date	17-Nov-20
Has Rates and Hours?	No		
Actual Results	675 LF grassed waterway with underground outlet to combat gully erosion.		

Activity Action - Mark Boerboom - BMP			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed waterway and underground outlet to combat gully erosion.		
Proposed Size / Units	675.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	675.00 LINEAR FEET	Installed Date	15-Sep-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	TSA

Final Indicator for Mark Boerboom - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7.66
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060403		

Final Indicator for Mark Boerboom - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	21.89
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060403		

Final Indicator for Mark Boerboom - BMP			
Indicator Name	SEDIMENT (TSS)	Value	7.66
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060403		

Grant Activity - Perry Banks - BMP			
Description	#22/20 - Perry Banks - Grassed Waterway		
Category	AGRICULTURAL PRACTICES		
Start Date	21-Jul-20	End Date	20-Oct-20
Has Rates and Hours?	No		
Actual Results	2 grassed waterways, 1075 LF total, installed to control gully erosion.		

Activity Action - Perry Banks - BMP			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	2 grassed waterways to control gully erosion		
Proposed Size / Units	1,075.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,075.00 LINEAR FEET	Installed Date	6-Oct-20
Mapped Activities	2 Polygon(s)	Technical Assistance Provider	TSA

Final Indicator for Perry Banks - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	23.35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060402		

Final Indicator for Perry Banks - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8.17
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060402		

Final Indicator for Perry Banks - BMP			
Indicator Name	SEDIMENT (TSS)	Value	8.17
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060402		

**Grant Activity - Spencer & Brooke Kor - BMP**

<b>Description</b>	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		
<b>Category</b>	STREAMBANK OR SHORELINE PROTECTION		
<b>Start Date</b>	18-Feb-20	<b>End Date</b>	20-Oct-20
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	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.		

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

**Final Indicator for Spencer & Brooke Kor - BMP**

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

**Final Indicator for Spencer & Brooke Kor - BMP**

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

**Final Indicator for Spencer & Brooke Kor - BMP**

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

### Grant Attachments

Document Name	Document Type	Description
<b>2020/2021 Programs and Operations Grants</b>	Grant Agreement	2020/2021 SWCD Programs and Operations Grants - Lyon SWCD
<b>2020/2021 Programs and Operations Grants EXECUTED</b>	Grant Agreement	2020/2021 SWCD Programs and Operations Grants - Lyon SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 10/16/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 10/24/2019