



Grant All-Detail Report SWCD Local Capacity Services 2020

Grant Title - 2020 - SWCD Local Capacity Services (Lyon SWCD)

Grant ID - P20-7493

Organization - Lyon SWCD

Original Awarded Amount	\$128,184.00	Grant Execution Date	1/8/2020
Required Match Amount	\$0.00	Original Grant End Date	12/31/2022
Required Match %	0%	Grant Day To Day Contact	John Biren
Current Awarded Amount	\$128,184.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$128,184.00	\$128,184.00	\$0.00
Total Match Amount	\$14,400.00	\$14,400.00	\$0.00
Total Other Funds	\$211,622.75	\$211,622.75	\$0.00
Total	\$354,206.75	\$354,206.75	\$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
Bernie Claeys - Nordland 36 BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$1,057.72	\$1,057.72	11/16/2022	N
Bernie Claeys - Nordland 36 BMP	Agricultural Practices	Other Funds	2020 - State Cost-Share Fund (Lyon SWCD)	\$20.00	\$20.00	11/16/2022	N
Bernie Claeys - Nordland 36 BMP	Agricultural Practices	Other Funds	2020 - Wetland Conservation Act - NRBG (Lyon County)	\$181.25	\$181.25	11/16/2022	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Bernie Claeys - Nordland 36 BMP	Agricultural Practices	Other Funds	2022 - Conservation Delivery (Lyon SWCD)	\$454.78	\$454.78	11/16/2022	N
Bernie Claeys - Nordland 36 BMP	Agricultural Practices	Other Funds	2022 - State Cost-Share Fund (Lyon SWCD)	\$3,619.56	\$3,619.56	11/16/2022	N
Carr Farms - Island Lake 1 - BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$4,586.71	\$4,586.71	5/20/2021	N
Carr Farms - Island Lake 1 - BMP	Agricultural Practices	Other Funds	2020 - Conservation Delivery (Lyon SWCD)	\$16,019.26	\$16,019.26	5/20/2021	N
Carr Farms - Island Lake 1 - BMP	Agricultural Practices	Other Funds	2020 - Local Water Management - NRBG (Lyon County)	\$2,578.20	\$2,578.20	5/20/2021	N
Carr Farms - Island Lake 1 - BMP	Agricultural Practices	Other Funds	2020 - State Cost-Share Fund (Lyon SWCD)	\$2,923.33	\$2,923.33	5/20/2021	N
Carr Farms - Island Lake 1 - BMP	Agricultural Practices	Other Funds	Landowner Contribution	\$8,702.50	\$8,702.50	5/18/2021	N
Fischer - BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$24,567.55	\$24,567.55	12/24/2020	N
Fischer - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$18,139.15	\$18,139.15	12/24/2020	N
Fischer - BMP	Agricultural Practices	Other Funds	2018 - State Cost-Share Fund (Lyon SWCD)	\$1,839.69	\$1,839.69	12/24/2020	N
Fischer - BMP	Agricultural Practices	Other Funds	2019 - Conservation Delivery (Lyon SWCD)	\$6,118.02	\$6,118.02	12/24/2020	N
Fischer - BMP	Agricultural Practices	Other Funds	2019 - State Cost-Share Fund (Lyon SWCD)	\$2,314.19	\$2,314.19	12/24/2020	N
Fischer - BMP	Agricultural Practices	Other Funds	2019 - Wetland Conservation Act - NRBG (Lyon County)	\$8,778.00	\$8,778.00	12/24/2020	N
James & Helen Rokeh - BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$811.41	\$811.41	2/26/2021	N
James & Helen Rokeh - BMP	Agricultural Practices	Other Funds	2020 - Local Water Management - NRBG (Lyon County)	\$146.70	\$146.70	2/16/2021	N
James & Helen Rokeh - BMP	Agricultural Practices	Other Funds	2020 - State Cost-Share Fund (Lyon SWCD)	\$485.86	\$485.86	2/16/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
James & Helen Rokeh - BMP	Agricultural Practices	Other Funds	2021 - Local Water Management - NRBG (Lyon County)	\$811.67	\$811.67	2/16/2021	N
James & Helen Rokeh - BMP	Agricultural Practices	Other Funds	2021 - State Cost-Share Fund (Lyon SWCD)	\$7,481.28	\$7,481.28	2/16/2021	N
James & Helen Rokeh - BMP	Agricultural Practices	Other Funds	Landowner Contribution	\$1,622.82	\$1,622.82	2/16/2021	N
James & Helen Rokeh - BMP	Agricultural Practices	Other Funds	Lyon County - Local Funds	\$811.41	\$811.41	2/16/2021	N
James & Helen Rokeh - BMP	Agricultural Practices	Other Funds	Yellow Medicine River Watershed District - Cost-Share Funds	\$2,434.23	\$2,434.23	2/16/2021	N
James & Helen Rokeh - BMP	Agricultural Practices	Other Funds	Yellow Medicine River Watershed District - County Tax Appropriation	\$1,622.82	\$1,622.82	2/16/2021	N
Local Match - 2020 Technician	Administration /Coordination	Local Fund	2020 Local Match	\$14,400.00	\$14,400.00	12/31/2022	Y
Lucas Satter - BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$183.09	\$183.09	12/20/2022	N
Lucas Satter - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$7,555.50	\$7,555.50	12/20/2022	N
Lucas Satter - BMP	Agricultural Practices	Other Funds	2021 - Conservation Delivery (Lyon SWCD)	\$4,029.98	\$4,029.98	12/20/2022	N
Lucas Satter - BMP	Agricultural Practices	Other Funds	2021 - SWCD Local Capacity Services (Lyon SWCD)	\$5,513.13	\$5,513.13	12/20/2022	N
Lucas Satter - BMP	Agricultural Practices	Other Funds	2022 - SWCD Local Capacity Services (Lyon SWCD)	\$7,952.57	\$7,952.57	12/20/2022	N
Lucas Satter - BMP	Agricultural Practices	Other Funds	2023 - Conservation Delivery (Lyon SWCD)	\$4,987.73	\$4,987.73	12/20/2022	N
Mark Meulebroeck - BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$26,398.88	\$26,398.88	9/27/2021	N
Mark Meulebroeck - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$8,799.63	\$8,799.63	9/21/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Robert Fixen - BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$8,778.00	\$8,778.00	2/16/2021	N
Robert Fixen - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$30,087.00	\$30,087.00	2/16/2021	N
Robert Fixen - BMP	Agricultural Practices	Local Fund	Lyon County Local Funds	\$7,575.53	\$7,575.53	2/16/2021	N
Robert Fixen - BMP	Agricultural Practices	Local Fund	Yellow Medicine River Watershed Cost-Share Funds	\$4,661.87	\$4,661.87	2/16/2021	N
Robert Fixen - BMP	Agricultural Practices	Other Funds	2020 - Local Water Management - NRBG (Lyon County)	\$26.60	\$26.60	2/16/2021	N
Robert Fixen - BMP	Agricultural Practices	Other Funds	2020 - Wetland Conservation Act - NRBG (Lyon County)	\$877.50	\$877.50	2/16/2021	N
Robert Fixen - BMP	Agricultural Practices	Other Funds	2021 - Conservation Delivery (Lyon SWCD)	\$4,266.52	\$4,266.52	2/16/2021	N
Robert Fixen - BMP	Agricultural Practices	Other Funds	2021 - State Cost-Share Fund (Lyon SWCD)	\$3,449.34	\$3,449.34	2/16/2021	N
Robert Fixen - BMP	Agricultural Practices	Other Funds	2021 - Wetland Conservation Act - NRBG (Lyon County)	\$8,778.00	\$8,778.00	2/16/2021	N
Soil Erosion - 2020 Technician	Technical/Engineering Assistance	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$10,000.00	\$10,000.00	12/31/2022	N
Spencer & Brooke Kor - BMP	Streambank or Shoreline Protection	Current State Grant	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	Landowner Fund	Landowner Contribution	\$8,548.07	\$8,548.07	10/29/2020	N
Spencer & Brooke Kor - BMP	Streambank or Shoreline Protection	Other Funds	2020 - State Cost-Share Fund (Lyon SWCD)	\$1,644.19	\$1,644.19	10/29/2020	N
Stan Pagel - BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$11,734.50	\$11,734.50	4/21/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Stan Pagel - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$3,911.50	\$3,911.50	4/21/2020	N
Stephen Miller - BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$6,863.26	\$6,863.26	1/20/2021	N
Stephen Miller - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$5,581.00	\$5,581.00	1/20/2021	N
Stephen Miller - BMP	Agricultural Practices	Other Funds	2020 - Conservation Delivery (Lyon SWCD)	\$3,204.74	\$3,204.74	1/20/2021	N
Wade Skaar - BMP	Agricultural Practices	Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$9,202.88	\$9,202.88	9/21/2022	N
Wade Skaar - BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$3,067.63	\$3,067.63	9/21/2022	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	5	5	1551 LINEAR FEET	1551 LINEAR FEET
638 - Water and Sediment Control Basin	6	6	1700 LINEAR FEET	1700 LINEAR FEET
362 - Diversion	1	1	488 LINEAR FEET	488 LINEAR FEET
638 - Water and Sediment Control Basin	2	2	915 LINEAR FEET	915 LINEAR FEET
638 - Water and Sediment Control Basin	6	6	2300 LINEAR FEET	2300 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	250 LINEAR FEET	250 LINEAR FEET
638 - Water and Sediment Control Basin	2	2	820 LINEAR FEET	820 LINEAR FEET
638 - Water and Sediment Control Basin	2	2	938 LINEAR FEET	938 LINEAR FEET
638 - Water and Sediment Control Basin	5	5	955 LINEAR FEET	955 LINEAR FEET
638 - Water and Sediment Control Basin	4	4	1611 LINEAR FEET	1611 LINEAR FEET
412 - Grassed Waterway and Swales	2	2	1720 LINEAR FEET	1720 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)	191.50	TONS/YR
PHOSPHORUS (EST. REDUCTION)	191.50	LBS/YR
SOIL (EST. SAVINGS)	420.33	TONS/YR

Grant Activity

Grant Activity - Bernie Claeys - Nordland 36 BMP			
Description	Diversion with subsurface drain to control gully erosion off building site.		
Category	AGRICULTURAL PRACTICES		
Start Date	19-Jul-22	End Date	15-Nov-22
Has Rates and Hours?	No		
Actual Results	A diversion and subsurface drain to control gully erosion off the building site.		

Activity Action - Bernie Claeys BMP			
Practice	362 - Diversion	Count of Activities	1
Description	Diversion and subsurface drain to combat gully erosion.		
Proposed Size / Units	488.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	488.00 LINEAR FEET	Installed Date	12-Oct-22
Mapped Activities	1 Line(s)	Technical Assistance Provider	TSA

Final Indicator for Bernie Claeys BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060401		

Final Indicator for Bernie Claeys BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	11.62
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060401		
Final Indicator for Bernie Claeys BMP			
Indicator Name	SEDIMENT (TSS)	Value	4.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060401		

Grant Activity - Carr Farms - Island Lake 1 - BMP			
Description	5 water and sediment control basins and underground outlets to control gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	1-Apr-21	End Date	15-Apr-21
Has Rates and Hours?	No		
Actual Results	5 water and sediment control basins and underground outlets installed to combat gully erosion. Practices meet NRCS Field Office Technical Guide standards and specifications for 638 and 620.		

Activity Action - Carr Farms - Island Lake 1 - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	5
Description	5 water and sediment control basins and underground outlets to combat gully erosion.		
Proposed Size / Units	955.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	955.00 LINEAR FEET	Installed Date	1-Apr-21
Mapped Activities	5 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Carr Farms - Island Lake 1 - BMP			
Indicator Name	SEDIMENT (TSS)	Value	16.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060404		
Final Indicator for Carr Farms - Island Lake 1 - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	16.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060404		

Final Indicator for Carr Farms - Island Lake 1 - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	47.22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200060404		

Grant Activity - Fischer - BMP			
Description	6 Water & Sediment Control Basins and Underground Tile to control gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	16-Jun-20	End Date	15-Dec-20
Has Rates and Hours?	No		
Actual Results	<p>6 water & sediment control basins, totaling 2055 LF, with underground outlets to control gully erosion.</p> <p>WCA Flex Funds for LWM for BMP Implementation linked to the following grants:</p> <ul style="list-style-type: none"> 2018 State Cost Share 2019 State Cost Share 2019 Wetland Conservation Act 2019 Conservation Delivery 2020 Local Capacity 		

Activity Action - Fischer - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	6
Description	6 water & sediment control basins with underground outlets to control gully erosion.		
Proposed Size / Units	2,300.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	2,300.00 LINEAR FEET	Installed Date	23-Nov-20
Mapped Activities	6 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Fischer - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	56.27
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080202		

Final Indicator for Fischer - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	19.69
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080202		
Final Indicator for Fischer - BMP			
Indicator Name	SEDIMENT (TSS)	Value	19.69
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080202		

Grant Activity - James & Helen Rokeh - BMP			
Description	SWCD contract #34/20: cost-share for 2 water & sediment control basins and underground outlet to control gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	20-Oct-20	End Date	16-Feb-21
Has Rates and Hours?	No		
Actual Results	2 water and sediment control basins with underground outlet to control gully erosion. Linked cost-share funds between following grants: FY2020 Local Water Management (NRBG), FY2021 Local Water Management (NRBG), FY2020 State Cost-Share, FY2021 State Cost-Share.		

Activity Action - James & Helen Rokeh 0 BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 water & sediment control basin and underground outlet to control gully erosion.		
Proposed Size / Units	938.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	938.00 LINEAR FEET	Installed Date	16-Feb-21
Mapped Activities	2 Point(s)	Technical Assistance Provider	TSA

Final Indicator for James & Helen Rokeh 0 BMP			
Indicator Name	SEDIMENT (TSS)	Value	3.37
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040601		
Final Indicator for James & Helen Rokeh 0 BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	19.23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)

Waterbody	070200040601		
Final Indicator for James & Helen Rokeh 0 BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.37
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040601		

Grant Activity - Local Match - 2020 Technician			
Description	2020 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	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-21	End Date	31-Dec-22
Has Rates and Hours?	Yes		
Actual Results	2022 SWCD staff time to implement local capacity services grant in FY2020: Staff time includes: Technician (Snyder): \$5,332.29 for Excess Nutrients, \$5,814.68 for Water Storage & Treatment, \$1,069.39 for Soil Erosion.		

Grant Activity - Lucas Satter - BMP			
Description	2 water and sediment control basins and underground outlets to control gully erosion in Sodus 23		
Category	AGRICULTURAL PRACTICES		
Start Date	20-Sep-22	End Date	28-Nov-22
Has Rates and Hours?	No		
Actual Results	2 water and sediment control basins and underground outlet to control gully erosion.		

Activity Action - Lucas Satter - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 water and sediment control basins and an underground outlet to combat gully erosion.		
Proposed Size / Units	915.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	915.00 LINEAR FEET	Installed Date	28-Nov-22
Mapped Activities	2 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Lucas Satter - BMP			
Indicator Name	SEDIMENT (TSS)	Value	8.93
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080203		
Final Indicator for Lucas Satter - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	25.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080203		
Final Indicator for Lucas Satter - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8.93
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080203		

Grant Activity - Mark Meulebroeck - BMP			
Description	4 water and sediment control basins and underground outlet to control gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	1-Sep-21	End Date	21-Sep-21
Has Rates and Hours?	No		
Actual Results	4 water and sediment control basins with underground outlets to control gully erosion.		

Activity Action - Mark Meulebroeck - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	4
Description	4 water and sediment control basins with underground outlets to control gully erosion.		
Proposed Size / Units	1,611.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,611.00 LINEAR FEET	Installed Date	21-Sep-21
Mapped Activities	4 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Mark Meulebroeck - BMP

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080204		

Final Indicator for Mark Meulebroeck - BMP

Indicator Name	SOIL (EST. SAVINGS)	Value	9.61
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080204		

Final Indicator for Mark Meulebroeck - BMP

Indicator Name	SEDIMENT (TSS)	Value	4.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080204		

Grant Activity - Robert Fixen - BMP

Description	Contract No. 35/20: 6 water and sediment control basins and underground outlets to control gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	31-Aug-20	End Date	16-Feb-21
Has Rates and Hours?	No		
Actual Results	Contract No. 35/20: 6 water and sediment control basins and underground outlets to control gully erosion. Cost-share assistance linked between following grants: FY2020 Local Water Management (NRBG), FY2020 Local Capacity Services, FY 2020 Wetland Conservation Act, FY2021 Conservation Delivery, FY2021 State Cost-Share, FY2021 Wetland Conservation Act. Yellow Medicine River Watershed District Cost-Share Funds and Lyon County local funds also assisted with project. THE FY20 and FY21 WCA-NRBG FUNDS ARE FLEXED TO THE FY20 LWM FUNDS FOR THE PROJECT		

Activity Action - Robert Fixen - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	6
Description	6 water and sediment control basins and underground outlets to control gully erosion.		
Proposed Size / Units	1,700.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,700.00 LINEAR FEET	Installed Date	11-Dec-20
Mapped Activities	6 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Robert Fixen - BMP

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	37.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040601		

Final Indicator for Robert Fixen - BMP

Indicator Name	SEDIMENT (TSS)	Value	37.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040601		

Final Indicator for Robert Fixen - BMP

Indicator Name	SOIL (EST. SAVINGS)	Value	105.99
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040601		

Grant Activity - Soil Erosion - 2020 Technician

Description	2020 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	5-Oct-21	End Date	31-Dec-22
Has Rates and Hours?	Yes		
Actual Results	2021 Technician (Ryan) hours applied to 2020 Local Capacity: Excess Nutrients: \$2,448.56, Water Storage & Treatment: \$1,836.62, Soil Erosion: \$1836.80, Riparian Zone Management: \$1,836.80. 2022 Technician (Synder) hours applied to 2020 Local Capacity: Excess Nutrients: \$2,997.39.		

Grant Activity - Spencer & Brooke Kor - BMP

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

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

Final Indicator for Spencer & Brooke Kor - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	070200060301		

Final Indicator for Spencer & Brooke Kor - BMP			
Indicator Name	SEDIMENT (TSS)	Value	85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	070200060301		

Final Indicator for Spencer & Brooke Kor - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	85

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	070200060301		

Grant Activity - Stan Pagel - BMP			
Description	5 water & sediment control basins and underground outlet to control gully erosion. Practice to be consistent with the BWSR FY20 State Cost-Share Policy and NRCS design specifications.		
Category	AGRICULTURAL PRACTICES		
Start Date	27-Mar-20	End Date	21-Apr-20
Has Rates and Hours?	No		
Actual Results	5 Water & Sediment Control Basins with Underground outlets to control gully erosion. Practice was certified complete under NRCS design standards on 4/20/2020.		

Activity Action - Stan Pagel			
Practice	638 - Water and Sediment Control Basin	Count of Activities	5
Description	WASCOB		
Proposed Size / Units	1,551.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,551.00 LINEAR FEET	Installed Date	21-Apr-20
Mapped Activities	5 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Stan Pagel			
Indicator Name	SOIL (EST. SAVINGS)	Value	1.18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	071000010202		

Final Indicator for Stan Pagel			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.59
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	071000010202		

Final Indicator for Stan Pagel			
Indicator Name	SEDIMENT (TSS)	Value	.59
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	071000010202		

Grant Activity - Stephen Miller - BMP			
Description	#30-20 - Stephen Miller - Northwestern Farm Management - Water & Sediment Control Basin		
Category	AGRICULTURAL PRACTICES		
Start Date	15-Sep-20	End Date	19-Jan-21
Has Rates and Hours?	No		
Actual Results	#30/20 - Stephen Miller - Northwestern Farm Management - Installed 2 Water & Sediment Control Basins with Underground to control gully erosion.		

Activity Action - Stephen Miller - BMP			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 water and sediment control basins and underground outlet to control gully erosion.		
Proposed Size / Units	820.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	820.00 LINEAR FEET	Installed Date	15-Jan-21
Mapped Activities	2 Point(s)	Technical Assistance Provider	TSA

Final Indicator for Stephen Miller - BMP			
Indicator Name	SOIL (EST. SAVINGS)	Value	6.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080102		

Final Indicator for Stephen Miller - BMP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.29
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080102		

Final Indicator for Stephen Miller - BMP			
Indicator Name	SEDIMENT (TSS)	Value	2.29
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200080102		

Grant Activity - Wade Skaar - BMP			
Description	#03/21 - Wade Skaar - Grassed Waterway and Subsurface Drain.		
Category	AGRICULTURAL PRACTICES		
Start Date	15-Jun-21	End Date	20-Sep-22
Has Rates and Hours?	No		
Actual Results	Main grassed waterway, lateral grassed waterway and subsurface drain to control gully erosion.		

Activity Action - Wade Skaar BMP's			
Practice	412 - Grassed Waterway and Swales	Count of Activities	2
Description	2 grassed waterways and subsurface drain to combat gully erosion.		
Proposed Size / Units	1,720.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,720.00 LINEAR FEET	Installed Date	7-Sep-22
Mapped Activities	2 Polygon(s)	Technical Assistance Provider	NRCS

Final Indicator for Wade Skaar BMP's			
Indicator Name	SOIL (EST. SAVINGS)	Value	52.18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040404		

Final Indicator for Wade Skaar BMP's			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9.13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040404		

Final Indicator for Wade Skaar BMP's			
Indicator Name	SEDIMENT (TSS)	Value	9.13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	070200040404		

Grant Attachments

Document Name	Document Type	Description
2020 SWCD Local Capacity and Buffer Law Implementation	Grant Agreement	2020 SWCD Local Capacity and Buffer Law Implementation - Lyon SWCD
2020 SWCD Local Capacity and Buffer Law Implementation EXECUTED	Grant Agreement	2020 SWCD Local Capacity and Buffer Law Implementation - Lyon SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/21/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2023
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/09/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/17/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/20/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/21/2021
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/21/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/30/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 09/16/2019