



Grant Progress Report

Conservation Delivery 2022

Grant Title: 2022 - Conservation Delivery (Lyon SWCD)

Grant ID: P22-5520

Grantee: Lyon SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Anita Cauwels

Grant Award (\$): \$19,224.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 09/01/2021

Grant End Date: 12/31/2024

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$19,224.00	\$19,224.00	\$0.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$66,704.70	\$66,704.70	\$0.00
Total	\$85,928.70	\$85,928.70	\$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	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Melvin Monson - BMP	Agricultural Practices	Current State Grant	2022 - Conservation Delivery (Lyon SWCD)	\$17,200.43	\$17,200.43	\$0.00	N
Chad Bot	Agricultural Practices	Other Funds	2023 - Conservation Delivery (Lyon SWCD)	\$10,516.71	\$10,516.71	\$0.00	N
Chad Bot	Agricultural Practices	Current State Grant	2022 - Conservation Delivery (Lyon SWCD)	\$1,568.79	\$1,568.79	\$0.00	N
Bernie Claeys - Nordland 36 BMP	Agricultural Practices	Other Funds	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$1,057.72	\$1,057.72	\$0.00	N

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
Bernie Claeys - Nordland 36 BMP	Agricultural Practices	Other Funds	2020 - State Cost-Share Fund (Lyon SWCD)	\$20.00	\$20.00	\$0.00	N
Bernie Claeys - Nordland 36 BMP	Agricultural Practices	Other Funds	2020 - Wetland Conservation Act - NRBG (Lyon County)	\$181.25	\$181.25	\$0.00	N
Bernie Claeys - Nordland 36 BMP	Agricultural Practices	Current State Grant	2022 - Conservation Delivery (Lyon SWCD)	\$454.78	\$454.78	\$0.00	N
Bernie Claeys - Nordland 36 BMP	Agricultural Practices	Other Funds	2022 - State Cost-Share Fund (Lyon SWCD)	\$3,619.56	\$3,619.56	\$0.00	N
Melvin Monson - BMP	Agricultural Practices	Landowner Fund	Landowner Fund	\$5,733.48	\$5,733.48	\$0.00	N
Bernie Claeys - Nordland 36 BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$1,777.77	\$1,777.77	\$0.00	Y

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
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<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	2.48	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	2.48	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	7.08	Tons/Yr
Water Pollution	Phosphorus (Est. Reduction)	4.07	Lbs/Yr

Indicator Summary

Indicator Category	Final Indicator	Total Value	Unit
(Reduction Estimates)			
Water Pollution (Reduction Estimates)	Sediment (Tss)	4.07	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	11.62	Tons/Yr
Water Pollution (Reduction Estimates)	Nitrogen	276.8	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	73.27	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	178	Tons/Yr

Grant Activities

Activity Name: Bernie Claeys - Nordland 36 BMP

Activity Category: Agricultural Practices

Staff time?: No

Description: Diversion with subsurface drain to control gully erosion off building site.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2020 - SWCD Local Capacity Services (Lyon SWCD)	\$1,057.72	\$1,057.72	\$0.00	11/16/2022	N
Landowner Fund	Landowner Contribution	\$1,777.77	\$1,777.77	\$0.00	11/16/2022	Y
Current State Grant	2020 - State Cost-Share Fund (Lyon SWCD)	\$20.00	\$20.00	\$0.00	11/16/2022	N
Current State Grant	2020 - Wetland Conservation Act - NRBG (Lyon County)	\$181.25	\$181.25	\$0.00	11/16/2022	N
Current State Grant	2022 - Conservation Delivery (Lyon SWCD)	\$454.78	\$454.78	\$0.00	11/16/2022	N
Current State Grant	2022 - State Cost-Share Fund (Lyon SWCD)	\$3,619.56	\$3,619.56	\$0.00	11/16/2022	N

Actual Results

A diversion and subsurface drain to control gully erosion off the building site.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	4.07	Lbs/Yr
Soil (Est. Savings)	11.62	Tons/Yr
Sediment (Tss)	4.07	Tons/Yr

Activity Action Name:	Bernie Claeys BMP	Activity Count: 1
Practice Type:	362 - Diversion	Size/Units: 488 - Cfu
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Diversion and subsurface drain to combat gully erosion.	Install Date: 10/12/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	11.62	Bwsr Calc (Gully Stabilization)	070200060401
Phosphorus (Est. Reduction)	Lbs/Yr	4.07	Bwsr Calc (Gully Stabilization)	070200060401
Sediment (Tss)	Tons/Yr	4.07	Bwsr Calc (Gully Stabilization)	070200060401

Activity Name: Chad Bot

Activity Category: Agricultural Practices

Staff time?: No

Description: Grassed Waterway and Subsurface Drain

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2023 - Conservation Delivery (Lyon SWCD)	\$10,516.71	\$10,516.71	\$0.00	12/28/2023	N
Current State Grant	2022 - Conservation Delivery (Lyon SWCD)	\$1,568.79	\$1,568.79	\$0.00	12/28/2023	N

Actual Results

Grassed Waterway and Subsurface Drain

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Nitrogen	276.8	Lbs/Yr
Sediment (Tss)	178	Tons/Yr
Phosphorus (Est. Reduction)	73.27	Lbs/Yr

Activity Action Name: #28/22 - Chad Bot				Activity Count: 2
Practice Type: 412 - Grassed Waterway and Swales				Size/Units: 4299 - Acres
TA Provider/JAA: NRCS				Lifespan: 10 Years
Practice Description: 2 Grassed Waterways and Underground Outlet				Install Date: 11/16/2023
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	73.27	Other	HUC 12 0702 000 60402
Sediment (Tss)	Tons/Yr	178	Other	HUC 12 - 70200060402
Nitrogen	Lbs/Yr	276.8	Other	HUC 12 - 70200060402

Activity Name: Melvin Monson - BMP

Activity Category: Agricultural Practices

Staff time?: No

Description: #07/21 - Melvin Monson - Grassed Waterway and Diversion

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Landowner Fund	Landowner Fund	\$5,733.48	\$5,733.48	\$0.00	12/30/2021	N
Current State Grant	2022 - Conservation Delivery (Lyon SWCD)	\$17,200.43	\$17,200.43	\$0.00	12/30/2021	N

Actual Results

510 LF diversion to prevent overland water from reaching feedlot and combat erosion. Project meets NRCS standards and specifications, approved by Duane Hansel, P.E.

Final Indicators		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	7.08	Tons/Yr
Sediment (Tss)	2.48	Tons/Yr
Phosphorus (Est. Reduction)	2.48	Lbs/Yr

Activity Action Name: Melvin Monsen - BMP Practice Type: 362 - Diversion TA Provider/JAA: Other Practice Description: Diversion to prevent overland water from reaching feedlot and combat erosion.				Activity Count: 1 Size/Units: 510 - Cfu Lifespan: 10 Years Install Date: 12/21/2021 Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	2.48	Bwsr Calc (Gully Stabilization)	070200080404
Sediment (Tss)	Tons/Yr	2.48	Bwsr Calc (Gully Stabilization)	070200080404
Soil (Est. Savings)	Tons/Yr	7.08	Bwsr Calc (Gully Stabilization)	070200080404