



Grant Progress Report

WCA-NRBG 2022

Grant Title: 2022 - Wetland Conservation Act - NRBG (Lyon County)

Grant ID: P22-6495

Grantee: Lyon County

Fiscal Agent:

Grant Day-to-Day Contact: Anita Cauwels

Grant Award (\$): \$8,778.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 10/21/2021

Grant End Date: 12/31/2024

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$8,778.00	\$8,778.00	\$0.00
Match Funds	\$22,434.18	\$22,434.18	\$0.00
Other Funds	\$132,317.88	\$132,317.88	\$0.00
Total	\$163,530.06	\$163,530.06	\$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?
Administration	Administration/Coordination	Local Fund	Local Contribution	\$22,434.18	\$22,434.18	\$0.00	Y
WCA flex funds used for Justin Louwagie BMP	Agricultural Practices	Current State Grant	2022 - Wetland Conservation Act - NRBG (Lyon County)	\$3,209.68	\$3,209.68	\$0.00	N
WCA flex funds used	Agricultural Practices	Other Funds	2022 - Local Water Management -	\$9,522.47	\$9,522.47	\$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>
for Justin Louwagie BMP			NRBG (Lyon County)				
WCA flex funds used for Lynda Meulebroeck - BMP's	Agricultural Practices	Other Funds	2023 - SWCD Local Capacity Services (Lyon SWCD)	\$18,170.14	\$18,170.14	\$0.00	N
WCA flex funds used for Lynda Meulebroeck - BMP's	Agricultural Practices	Other Funds	2023 - Conservation Delivery (Lyon SWCD)	\$2,513.94	\$2,513.94	\$0.00	N
WCA flex funds used for Lynda Meulebroeck - BMP's	Agricultural Practices	Current State Grant	2022 - Wetland Conservation Act - NRBG (Lyon County)	\$2,028.86	\$2,028.86	\$0.00	N
WCA flex funds used for Lynda Meulebroeck - BMP's	Agricultural Practices	Other Funds	2022 - SWCD Local Capacity Services (Lyon SWCD)	\$4,014.03	\$4,014.03	\$0.00	N
WCA flex funds used for Allan Telste BMP	Agricultural Practices	Other Funds	2020 - Wetland Conservation Act - NRBG (Lyon County)	\$1,674.25	\$1,674.25	\$0.00	N
WCA flex funds used for Allan Telste BMP	Agricultural Practices	Current State Grant	2022 - Wetland Conservation Act - NRBG (Lyon County)	\$3,539.46	\$3,539.46	\$0.00	N
WCA flex funds used for Justin Louwagie BMP	Agricultural Practices	Landowner Fund	Landowner Fund	\$4,244.05	\$4,244.05	\$0.00	N
WCA flex funds used for Allan Telste BMP	Agricultural Practices	Landowner Fund	Landowner Contribution	\$1,737.90	\$1,737.90	\$0.00	Y

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
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Indicator Summary

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	3.72	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	3.72	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	10.63	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	11.95	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	11.95	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	34.16	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	8.48	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	8.48	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	24.23	Tons/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Estimates)			

Grant Activities

Activity Name: Administration						
Activity Category: Administration/Coordination					Staff time?: Yes	
Description: SWCD administration of the Wetland Conservation Act in FY2022.						
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>
Local Fund	Local Contribution	\$22,434.18	\$22,434.18	\$0.00	12/31/2022	Y
Actual Results						
2022 staff hours to administer the Wetland Conservation Act: District Administrator: \$935.64 in hours, Technician (Olson): \$20,632.09 in hours, Technician (Giles): \$866.45 in hours						

Activity Name: WCA flex funds used for Allan Telste BMP						
Activity Category: Agricultural Practices					Staff time?: No	
Description: Flex funds used for one water and sediment control basin and underground outlet to control gully erosion.						
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 - Wetland Conservation Act - NRBG (Lyon County)	\$1,674.25	\$1,674.25	\$0.00	12/20/2022	N
Current State Grant	2022 - Wetland Conservation Act - NRBG (Lyon County)	\$3,539.46	\$3,539.46	\$0.00	12/20/2022	N
Landowner Fund	Landowner Contribution	\$1,737.90	\$1,737.90	\$0.00	12/20/2022	Y
Actual Results						
One water and sediment control basin and underground outlet to control gully erosion.						
Final Indicators						
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>				
Sediment (Tss)	3.72	Tons/Yr				
Soil (Est. Savings)	10.63	Tons/Yr				
Phosphorus (Est. Reduction)	3.72	Lbs/Yr				

Activity Action Name: Allan Telste BMP				Activity Count: 1
Practice Type: 638 - Water and Sediment Control Basin				Size/Units: 305 - Cfu
TA Provider/JAA: TSA				Lifespan: 10 Years
Practice Description: One water and sediment control basin and underground outlet to control gully erosion.				Install Date: 11/14/2022
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	10.63	Bwsr Calc (Gully Stabilization)	070200060403
Sediment (Tss)	Tons/Yr	3.72	Bwsr Calc (Gully Stabilization)	070200060403
Phosphorus (Est. Reduction)	Lbs/Yr	3.72	Bwsr Calc (Gully Stabilization)	070200060403

Activity Name: WCA flex funds used for Justin Louwagie BMP

Activity Category: Agricultural Practices

Staff time?: No

Description: Constructed 2, Water & Sediment Control Basins and Underground Outlet for gully control

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	2022 - Wetland Conservation Act - NRBG (Lyon County)	\$3,209.68	\$3,209.68	\$0.00	12/28/2023	N
Landowner Fund	Landowner Fund	\$4,244.05	\$4,244.05	\$0.00	12/28/2023	N
Current State Grant	2022 - Local Water Management - NRBG (Lyon County)	\$9,522.47	\$9,522.47	\$0.00	12/28/2023	N

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	8.48	Tons/Yr
Soil (Est. Savings)	24.23	Tons/Yr
Phosphorus (Est. Reduction)	8.48	Lbs/Yr

Activity Action Name:	#27/22 Justin Louwagie BMP	Activity Count: 2
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 2 - Acre-Feet/Yr
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	2 Water & Sediment Control Basins and Underground Outlet	Install Date: 12/05/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	8.48	Bwsr Calc (Gully Stabilization)	HUC 12 0702 000 60404
Soil (Est. Savings)	Tons/Yr	24.23	Bwsr Calc (Gully Stabilization)	HUC 12 0702 000 60404
Phosphorus (Est. Reduction)	Lbs/Yr	8.48	Bwsr Calc (Gully Stabilization)	HUC 12 0702 000 60404

Activity Name: WCA flex funds used for Lynda Meulebroeck - BMP's

Activity Category: Agricultural Practices

Staff time?: No

Description: Three water and sediment control basins, underground outlet, grassed waterways and a diversion channel to control gully erosion.

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 - SWCD Local Capacity Services (Lyon SWCD)	\$18,170.14	\$18,170.14	\$0.00	01/18/2024	N
Current State Grant	2023 - Conservation Delivery (Lyon SWCD)	\$2,513.94	\$2,513.94	\$0.00	01/18/2024	N
Current State Grant	2022 - Wetland Conservation Act - NRBG (Lyon County)	\$2,028.86	\$2,028.86	\$0.00	01/18/2024	N
Current State Grant	2022 - SWCD Local Capacity Services (Lyon SWCD)	\$4,014.03	\$4,014.03	\$0.00	01/18/2024	N

Actual Results

Three water and sediment control basins, underground outlet, grassed waterways and a diversion channel to control gully erosion.

Final Indicators		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	34.16	Tons/Yr
Phosphorus (Est. Reduction)	11.95	Lbs/Yr
Sediment (Tss)	11.95	Tons/Yr

Activity Action Name: 25/23 Lynda Meulebroeck				Activity Count: 5
Practice Type: 638 - Water and Sediment Control Basin				Size/Units: 5 - Acre-Feet/Yr
TA Provider/JAA: TSA				Lifespan: 10 Years
Practice Description: 3 Water & Sediment Control Basin's, 1 Grassed Waterway, and 1 Diversion				Install Date: 12/18/2023
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	11.95	Bwsr Calc (Gully Stabilization)	HUC 12 - 070200080202
Soil (Est. Savings)	Tons/Yr	34.16	Bwsr Calc (Gully Stabilization)	HUC 12 - 070200080202
Phosphorus (Est. Reduction)	Lbs/Yr	11.95	Bwsr Calc (Gully Stabilization)	HUC 12 - 070200080202