



Grant Progress Report

Watershed Based Implementation JAN 2021

Grant Title: 2021 Metro WBIF – South Fork Crow – Carver SWCD – Eagle Lake SWA Implementation
Grant ID: C21-7506
Grantee: Carver SWCD
Fiscal Agent: Carver SWCD
Grant Award (\$): \$60,000.00
Required Match (%): 10
Required Match (\$): \$6,000.00
Grant Execution Date: 03/24/2021
Grant End Date: 12/31/2025
Grant Day-to-Day Contact: Mike Wanous

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$60,000.00	\$16,236.00	\$43,764.00
Match Funds	\$6,000.00	\$1,804.00	\$4,196.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$66,000.00	\$18,040.00	\$47,960.00

*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?
Eagle Lake BMPs	Agricultural Practices	Local Fund	WMO	\$6,000.00	\$1,804.00	\$4,196.00	Y
Eagle Lake BMPs	Agricultural Practices	Current State Grant	2021 Metro WBIF – South Fork Crow – Carver SWCD – Eagle Lake..	\$60,000.00	\$16,236.00	\$43,764.00	N

Indicator Summary

Indicator Category	Proposed Indicator	Total Value	Unit
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	30.84	Lbs/Yr

Indicator Category	Final Indicator	Total Value	Unit
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	8.8	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	9.6	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	9.2	Tons/Yr

Grant Activities

Activity Name: Eagle Lake BMPs

Activity Category: Agricultural Practices

Staff time?: No

Description: Install BMPs on sites identified in the SWA.

Grant funds will be used to pay for BMPs.

Milestones - Spring/summer 2021 = landowner outreach to get commitment to projects.

Fall 2021 - Fall 2022 = Project installations

Spring 2023 - Fall 2023 = Finalize projects and grant reporting.

Budget Details

Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2021 Metro WBIF – South Fork Crow – Carver SWCD – Eagle Lake..	\$60,000.00	\$16,236.00	\$43,764.00	12/19/2024	N
Local Fund	WMO	\$6,000.00	\$1,804.00	\$4,196.00	12/19/2024	Y

Actual Results

1/10/2023 - Staff have been engaging with landowners on potential BMPs. More work to be done in 2023.

1/4/2024 - Engineering designs are being completed for a bioreactor and a terrace in the Eagle Lake watershed.

A grant amendment was approved to allow for project installations in 2024. Although we are behind schedule, we are confident that BMP's will go in the ground in 2024.

1/23/2025 - progress report for 2024. Wetland restorations were completed on the Dunbar farm with funding from this grant and local funds from the WMO. A large terrace/WASCOB structure was ready for construction but got delayed - it should be completed in 2025. The grant deadline was extended to 12/31/2025.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	8.8	Lbs/Yr
Soil (Est. Savings)	9.2	Tons/Yr
Sediment (Tss)	9.6	Tons/Yr

Activity Action Name:	William Dunbar	Activity Count: 5
Practice Type:	587 - Structure for Water Control	Size/Units: 48.5 - Count
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	The purpose of this project is to restore multiple wetland basins which will include the construction of earthen berms, tile breaks/blocks, and sediment removal (scrapes). This project was identified in the Eagle Lake sub-watershed assessment to reduce sediment and phosphorus transport from the intermittent ditches, subsurface tile systems and road culverts. In addition to the wetland restoration, 48.5 acres of cropland will be seeded to native grasses as upland buffer.	Install Date: 11/29/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	9.6	Bwsr Calc (Filter Strip)	South Fork Crow River
Phosphorus (Est. Reduction)	Lbs/Yr	8.8	Bwsr Calc (Filter Strip)	South Fork Crow River
Soil (Est. Savings)	Tons/Yr	9.2	Bwsr Calc (Filter Strip)	South Fork Crow River

Activity Action Name:	BMP - WASCOB	Activity Count: 2
Practice Type:	638 - Water and Sediment Control Basin	Size/Units:
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:		Install Date:
		Mapped: No

Activity Action Name:	BMP - Buffers	Activity Count: 7
Practice Type:	393 - Filter Strip	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date:
		Mapped: No

Activity Action Name:	Ed Lind WASCB	Activity Count: 2
Practice Type:	600 - Terrace	Size/Units: 1850 - Linear Feet
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:	The purpose of this project is to construct 2 Water & Sediment Control Basins (terraces) totaling 1,850 linear feet, to address ephemeral and gully erosion that is occurring in the cropland. Signification erosion has been occurring and the installation of a WASCB/terrace system is needed to eliminate further erosion.	Install Date:
		Mapped: No

Activity Action Name:	BMP - Grassed waterways	Activity Count: 8
Practice Type:	412 - Grassed Waterway and Swales	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date:
		Mapped: No