



# Grant Progress Report

## Soil Health Delivery 2025

**Grant Title:** 2025 - Soil Health Delivery (Crow Wing SWCD)

**Grant ID:** P25-0497

**Grantee:** Crow Wing SWCD

**Fiscal Agent:**

**Grant Day-to-Day Contact:** Melissa Barrick

**Grant Award (\$):** \$20,000.00

**Required Match (%):** 0

**Required Match (\$):** \$0.00

**Grant Execution Date:** 08/27/2024

**Grant End Date:** 12/31/2027

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$20,000.00	\$6,435.00	\$13,565.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$20,000.00	\$6,435.00	\$13,565.00

\*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Proposed Measurable Outcomes	Grantee has submitted a detailed work plan. Measurable outcomes will be provided at grant closeout.
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### Budget Details

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Soil Health Practices	Non-Structural Management Practices	Current State Grant	2025 - Soil Health Delivery (Crow Wing SWCD)	\$20,000.00	\$6,435.00	\$13,565.00	N

## Indicator Summary

<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)	10.41	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	2.35	Tons/Yr
Water Pollution (Reduction Estimates)	Nitrogen	119.01	Lbs/Yr

## Grant Activities

### Activity Name: Soil Health Practices

**Activity Category:** Non-Structural Management Practices

**Staff time?:** No

**Description:** In Crow Wing County, we have limited row crop producers. The most significant issue for soil health is having cattle continuously graze large areas on marginal land. We want to help landowners develop more intense grazing operations, moving the cattle more frequently to increase soil health and water filtration of the overgrazed systems. We plan to cost-share on fencing to put new fences into developing the smaller paddocks, and we need water for the cattle. Many grazers have water from streams and wetlands and do not have water for the paddock system. The cost-share is essential to the landowners developing that grazing system to increase the soil health. We plan to create an agroforestry program and cost-share on brush management and herbaceous weed treatment to build and improve soil health by incorporating livestock and maintaining the roots and plants. This will give the landowners more options for their grazing systems. These practices will also diversify plants and trees and increase the soil's organic matter by these practices.

Implement soil health practices following NRCS practice standards. Practices include 110- Prescribed Grazing Plan, 327- Conservation Cover, 340- Cover Crops, 314- Brush Management, 382- Fence, 315- Herbaceous Weed Treatment, 512- Pasture and Hay Planting, 528- Prescribed Grazing, 329- Residue and Tillage Management, 381- Silvopasture, 612- Tree and Shrub Establishment, and 614- Watering Facility. We plan to utilize Brush Management 382 and Herbaceous Weed Treatment to grow and develop an Agroforestry Program at the Crow Wing SWCD. The Crow Wing SWCD will follow the current Crow Wing SWCD Fee Schedule and the Crow Wing SWCD Cost-Share Policy. Please see the Cost-Share Policy in the attachments. Both the fee schedule and policy are on the Crow Wing SWCD website.

See below:

[https://www.cwswcd.org/\\_files/ugd/5f8bab\\_1bb5be69649b4b0498105838949bad74.pdf](https://www.cwswcd.org/_files/ugd/5f8bab_1bb5be69649b4b0498105838949bad74.pdf)

[https://www.cwswcd.org/\\_files/ugd/5f8bab\\_c10fa09c6f894db7ae516a46c1fbabeb.pdf](https://www.cwswcd.org/_files/ugd/5f8bab_c10fa09c6f894db7ae516a46c1fbabeb.pdf)

#### 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	2025 - Soil Health Delivery (Crow Wing SWCD)	\$20,000.00	\$6,435.00	\$13,565.00	06/18/2025	N

#### Actual Results

<u>Results</u>	<u>Date Added</u>
Cover Crop (340) of a cool season annual grass, a cool season annual legume, two cool season annual non-legume broadleaves completed on 9/1/2024 on 57.75 acres and inspected by SWCD Staff on 9/16/2024. Producer reimbursed at a flat rate of \$40 per acre to cover costs of	1/2/2025 10:16:56 AM

seeds, no till rental, and time and labor.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Nitrogen	119.01	Lbs/Yr
Phosphorus (Est. Reduction)	10.41	Lbs/Yr
Sediment (Tss)	2.35	Tons/Yr

Activity Action Name: Smude				Activity Count: 1
Practice Type: 340 - Cover Crop				Size/Units: 57.75 - Acres
TA Provider/JAA: SWCD				Lifespan: 1 Year
Practice Description:				Install Date: 09/01/2024
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	119.01	Other	In City of Brainerd-Mississippi River (HUC10) watershed
Phosphorus (Est. Reduction)	Lbs/Yr	10.41	Other	In City of Brainerd-Mississippi River (HUC10) watershed
Sediment (Tss)	Tons/Yr	2.35	Other	In City of Brainerd-Mississippi River (HUC10) watershed