



Grant Progress Report

Habitat Enhancement Landscape Pilot 2022

Grant Title: Brainerd and Baxter 8 acres Community Public Pollinator Habitat

Grant ID: C22-5508

Grant Award (\$): \$40,000.00

Grant Execution Date: 06/10/2022

Grantee: Crow Wing SWCD

Required Match (%): 25

Grant End Date: 12/31/2024

Fiscal Agent: Crow Wing SWCD

Required Match (\$): \$10,000.00

Grant Day-to-Day Contact: Melissa Barrick

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$40,000.00	\$34,727.72	\$5,272.28
Match Funds	\$10,000.00	\$10,267.08	(\$267.08)
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$50,000.00	\$44,994.80	\$5,005.20

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

Project Abstract	The Crow Wing Soil and Water Conservation District (SWCD) will partner with the Northland Arboretum and the Minnesota Master Naturalist to complete an eight-acre prairie restoration in the heart of Brainerd and Baxter. This partnership will incorporate the Board of Water and Soil Resources (BWSR) Pollinator Habitat Guide, including pockets of habitat, flowering trees and shrubs, pollinator lawn, and pollinator meadow projects. The project will incorporate only Minnesota native plants and follow U.S. Fish and Wildlife Service (USFWS) pollinator integrated pest management (IPM) techniques. The SWCD requests \$40,000 to transform invasive shrubs and trees and open grassy land to eight acres of thriving native prairie that welcomes the Rusty Patched Bumble Bee (<i>Bombus Affinis</i>), Minnesota native bees, and Monarch habitat. The SWCD and partners will utilize social media, press releases, and radio and television interviews to help encourage other landowners to transform turf grass into pollinator habitats. The USFWS range map did not indicate the Rusty Patched Bumble Bee to be present in Crow Wing County (CWC), but residents and SWCD staff have documented and seen the bee in the area. The SWCD has the experience, knowledge,
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Proposed Measurable Outcomes	and partnerships to complete the proposed projects efficiently and effectively.
	The SWCD will partner with the Northland Arboretum to restore eight acres into pollinator habitat, install four native prairie interpretive signs, and host six prairie educational workshops for diverse audiences.

Budget Details

<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>
In-Kind Match	Administration/Coordination	Local Fund	Northland Arboretum	\$10,000.00	\$10,267.08	(\$267.08)	Y
Administration	Administration/Coordination	Current State Grant		\$4,000.00	\$4,611.29	(\$611.29)	N
Educational Workshops and Signs	Education/Information	Current State Grant		\$2,000.00	\$1,185.00	\$815.00	N
8-Acre Prairie Project	Non-Structural Management Practices	Current State Grant	Brainerd and Baxter 3 acres Community Public Pollinator Hab..	\$26,000.00	\$26,000.00	\$0.00	N
Technical	Technical/Engineering Assistance	Current State Grant	Brainerd and Baxter 8 acres Community Public Pollinator Hab..	\$8,000.00	\$2,931.43	\$5,068.57	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)	0.01	Lbs/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	0.02	Tons/Yr

Grant Activities

Activity Name: 8-Acre Prairie Project

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: The Northland Arboretum will hire a contractor to complete: site preparation, invasive species control, seeding and planting, and maintenance. The Arboretum will utilize volunteers to help lower total project cost. This project will only use native plants and seeds.

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	Brainerd and Baxter 3 acres Community Public Pollinator Hab..	\$26,000.00	\$26,000.00	\$0.00	12/18/2024	N

Actual Results

<u>Results</u>	<u>Date Added</u>
Service Mobilization and First Herbicide Application with Prairie Restorations Inc. 5/19/23 Service Mobilization: \$1,422.50 Herbicide Application: \$ 1,657.00	7/27/2023 12:00:00 AM
Seeding with Prairie Restorations Inc. 11/8/23 Seeding: \$6,885.00	12/13/2023 12:54:03 PM
Service Mobilization and Burn with Prairie Restorations Inc. 6/29/2023 Service Mobilization: \$1,422.50 Burn: \$2,374.00	12/28/2023 12:19:03 PM
Harrowing with Prairie Restorations Inc. 7/14/23 Harrowing: \$1,861.00	12/28/2023 12:20:02 PM
Second Herbicide Application with Prairie Restorations Inc. 8/21/23 Herbicide Application \$1,657.00	12/28/2023 12:20:20 PM
Third Herbicide Application with Prairie Restorations Inc. 9/27/23 \$1,657.00	12/28/2023 12:20:37 PM

<u>Results</u>			<u>Date Added</u>
Touchup Herbicide Application with Prairie Restorations Inc. 6/12/2023			12/28/2023 12:17:30 PM
No cost.			
			2/7/2024 2:55:00 PM
Prairie Restoration mowed the project for weeds in June 2024.			6/30/2024 12:00:00 AM
PRI mowed the site on 7/26/2024			7/26/2024 12:00:00 AM
Volunteer events on 5/18/2023, 5/25/2023, 6/16/2023, and 4/22/2024. 194 volunteer hours @ rate of \$36.31/hr. Removal of various undergrowth and trash from former landfill prior to planting. After planting, hand removal of returning noxious weeds			12/20/2024 1:03:20 PM
Final Indicators			
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>	
Soil (Est. Savings)	0.02	Tons/Yr	
Phosphorus (Est. Reduction)	0.01	Lbs/Yr	

Activity Action Name: Northland Arboretum				Activity Count: 1
Practice Type: 342 - Critical Area Planting				Size/Units: 3 - Acres
TA Provider/JAA: SWCD				Lifespan: 10 Years
Practice Description: Prairie installation at Northland Arboretum using native plants.				Install Date: 11/08/2023
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	0.02	Bwsr Calc (Sheet And Rill)	Mississippi River
Phosphorus (Est. Reduction)	Lbs/Yr	0.01	Bwsr Calc (Sheet And Rill)	Mississippi River

Activity Name: Administration

Activity Category: Administration/Coordination

Staff time?: Yes

Description: The SWCD will serve as the fiscal agent. The SWCD will pay all bills, track time, and complete required elink reporting. The SWCD will establish a Cost-Share Contract with the Arboretum for the project.

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		\$4,000.00	\$4,611.29	(\$611.29)	12/31/2024	N

Actual Results

<u>Results</u>	<u>Date Added</u>
Bethany Chaplin Staff Hours	7/27/2023 12:00:00 AM
Rate: \$28.99	
Total Hours: 9	
April 2023: 2 hours	
May 2023: 1.5 hours	
June 2023: 5.5 hours	
Coordinating site preparation, temporary signage, northland arboretum director change, and maintenance specifics.	
Bethany; Admin staff hours: July 2023 4.5 hours at \$28.99. Oct-Dec 2023 4 hours at \$28.86.	2/7/2024 8:31:05 AM
Completed required reporting and tracking staff time.	3/31/2024 12:00:00 AM
The SWCD paid staff time and tracked hours according to this project. I discussed the project during the check-in meeting with the new staff.	6/30/2024 12:00:00 AM

Activity Name: Educational Workshops and Signs

Activity Category: Education/Information

Staff time?: No

Description: The Northland Arboretum will develop four interpretative signage for the prairie project and host six workshops for community groups and school-age children. Funds will be utilized to design and install the signs.

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		\$2,000.00	\$1,185.00	\$815.00	12/23/2024	N

Actual Results

<u>Results</u>	<u>Date Added</u>
	5/25/2022 3:07:56 PM
Communicate with Northland Arboretum about the potential of signage and information regarding what should be on the sign. Communication with the signage contractor to develop the signs.	6/30/2024 12:00:00 AM
Meet with Northland Arboretum, SWCD staff, and Red Canoe Cre8tive to discuss signage requirements and vision	9/27/2024 1:26:21 PM
Provided information and examples of content for signage	12/20/2024 1:04:04 PM
Review sign design, get input from Northland Arboretum on design and content, make final edits, approve design for fabrication	12/20/2024 1:04:38 PM

Activity Name: In-Kind Match

Activity Category: Administration/Coordination

Staff time?: No

Description: In-Kind 25% match from Northland Arboretum.

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	Northland Arboretum	\$10,000.00	\$10,267.08	(\$267.08)	12/31/2024	Y

Actual Results	
<u>Results</u>	<u>Date Added</u>
January - June 2023 SWCD time match for the difference of funds that are not covered under LCCMR rate. 11 hours at \$125.96.	7/27/2023 12:00:00 AM
Communicated with Arbroteum about the required match needed for this grant.	6/30/2024 12:00:00 AM

Activity Name: Technical						
Activity Category: Technical/Engineering Assistance					Staff time?: Yes	
Description: The SWCD will assist with plant selection, site preparation options, site inspections, site installation, and communication with the Northland Arboretum and the contractor.						
Budget Details						
Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	Brainerd and Baxter 8 acres Community Public Pollinator Hab..	\$8,000.00	\$2,931.43	\$5,068.57	12/31/2024	N
Actual Results						
Results					Date Added	
					5/25/2022 3:08:26 PM	
Bethany; Tech staff time: July 2023 2.5 hours at \$28.99. Aug 2023 0.75 hours at \$28.86.					2/7/2024 8:33:01 AM	
We met on-site with Praire Restoration, Northland Arboretum, and the SWCD Staff to review the project's next steps.					3/31/2024 12:00:00 AM	
Site visit with new staff that are taking over this project. Reviewed the project plan and scope of work.					6/30/2024 12:00:00 AM	
Meet with Prairie Restoration to check in on establishment progress of site, identify areas of concern and success, and solidify future maintenance plans					9/25/2024 8:06:38 AM	