Conservation Cost Share Program

Completed Project Fact Sheet

SCOTT SWCD

Bruce and Susanne Heimerl Conservation Cover

Cooperator & Location

Name	**Bruce and Susanne Heimerl**
Address	**26756 Zane Avenue**
City/Twp	**New Market**
Watershed	**VRWJPO**

Project Cost

$1,250.00

Project Details

Practice	**Conservation Cover**
Quantity	**2.50 Acres**
Project ID	**SR-20-063**
Project Term	**10 year(s)**

Sources & Amounts

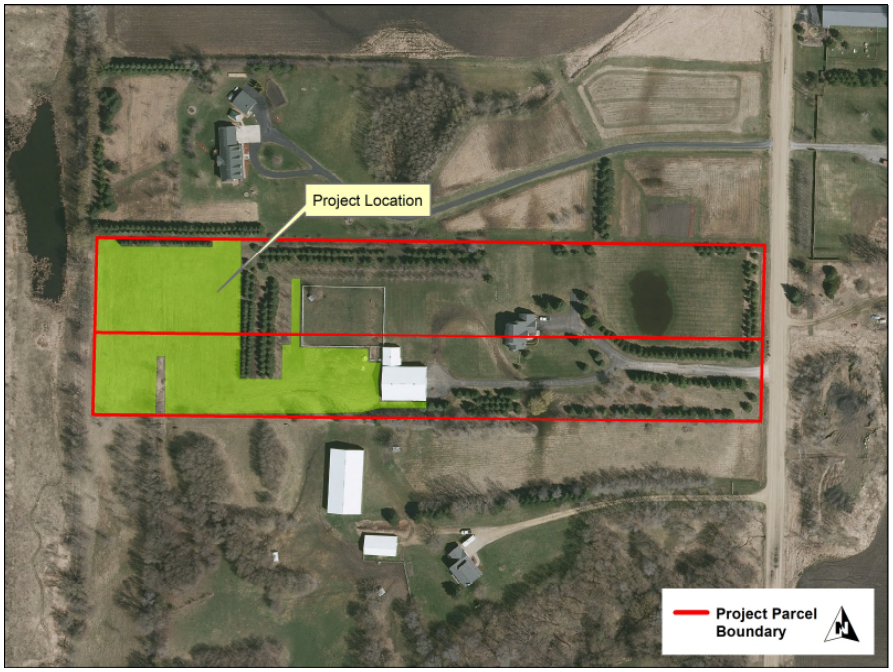
Cooperator	**$0.00**
VRWJPO	**$750.00**
SWMO	**$500.00**
Federal	**$0.00**

Resource Protected

Type III Wetland

Project Overview

Bruce and Susanne converted 2.5 acres of unused, cool-season grasses into native prairie in order to promote pollinator habitat. Conservation Cover involves the establishment of permanent vegetative cover to achieve multiple conservation objectives including eliminating soil erosion, preventing pollution from sediment and nutrients, and reducing runoff. For projects that involve the seeding of a diverse mix of native prairie grasses and wildflowers (such as this one) Conservation Cover projects also create high quality habitat for wildlife and pollinators while enhancing the landscape's natural beauty.



Environmental Benefits

Parameter	Before	After	Saved
Soil Erosion (tons/yr)	**0.0**	**0.0**	**0.0**
Sediment (tons/yr)	**0.01**	**0.00**	**0.01**
Phosphorus (lbs/yr)	**0.04**	**0.02**	**0.02**
Runoff Volume (acre ft)	**0.99**	**0.88**	**0.11**

Local Funding Partners

Vermillion River watershed reflecting life

Watershed Management Organization Scott

Conservation Cost Share Program

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SCOTT SWCD

Tracy Knipp Well Decommissioning

Cooperator & Location

Name	**Tracy Knipp**
Address	**26253 Xerxes Avenue**
City/Twp	**City of Elko New Market**
Watershed	**VRWJPO**

Project Details

Practice	**Well Decommissioning**
Quantity	**1.00 Each**
Project ID	**SR-19-272**
Project Term	**10 year(s)**

Resource Protected

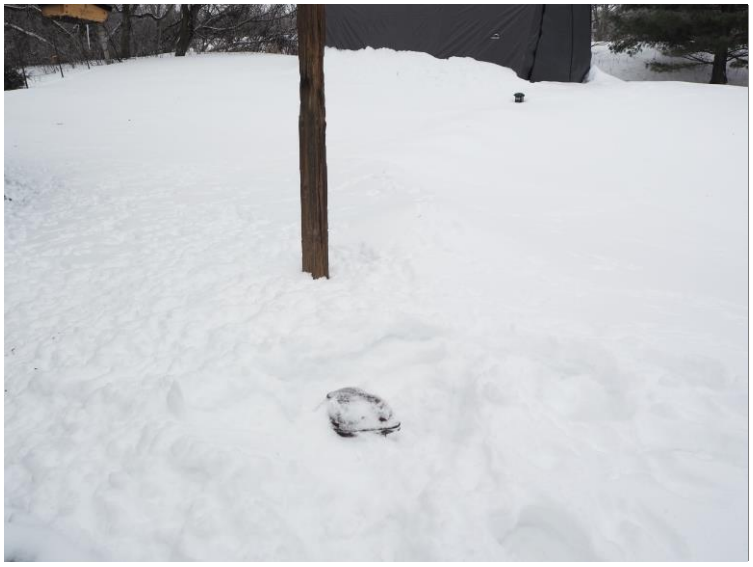
Groundwater

Description

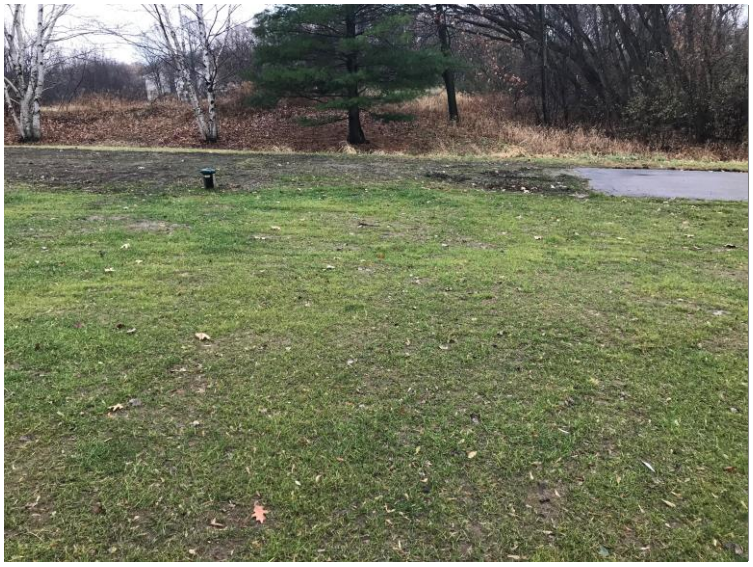
Tracy Knipp's old well caved in on her property and she needed to seal it as well as install a new, working well. The well sealing was completed in October; raking and seeding have been don't on the spot where the well once was.

Well decommissioning is the sealing and permanent closure of an inactive, abandoned, or inoperable water well. This practice protects groundwater resources by preventing contaminated water or other potentially harmful fluids from flowing or being dumped into the well.

Before



After



Total Cost

$1,748.00

Sources & Amounts

Cooperator:	**$748.00**
VRWJPO:	**$500.00**
SWCD:	**$500.00**
Federal:	**$0.00**

Local Funding Partner

Vermillion River watershed reflecting life

Conservation Cost Share Program

Completed Project Fact Sheet

SCOTT SWCD

Brian Smith Conservation Cover

Cooperator & Location

Name	**Brian Smith**
Address	**9865 247th St E**
City/Twp	**New Market**
Watershed	**VRWJPO**

Project Details

Practice	**Conservation Cover**
Quantity	**4.70 Acres**
Project ID	**SR-19-032**
Project Term	**10 year(s)**

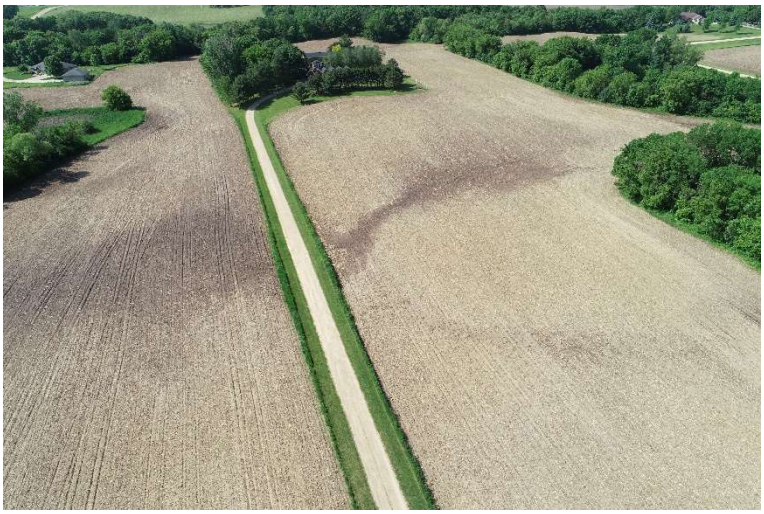
Resource Protected

Vermillion River

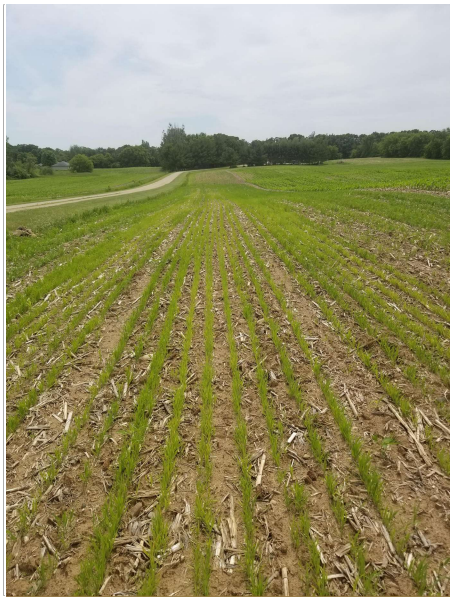
Description

Brian and Tia wanted to provide pollinator habitat for their bees and filter runoff before it enters the Vermillion River. To do this, they converted 4.7 acres of cropland to native prairie. This practice involves establishing native prairie ecosystems that were once characteristic of Minnesota. It improves water quality by eliminating sources of sediment and other pollutants and reducing runoff volumes. The seed mix included numerous native grasses and flowers that also enhance habitat quality for all wildlife species including birds, butterflies and pollinator insects.

Before



After



Total Cost

$12,313.90

Sources

Cooperator:	**$1,650.00**
VRWJPO:	**$10,663.90**
SWCD:	**$0.00**
Federal:	**$0.00**

Environmental Benefits

Parameter	Before	After	Saved
Soil Erosion (tons/yr)	**8.5**	**0.0**	**8.5**
Sediment (tons/yr)	**2.30**	**0.00**	**2.30**
Phosphorus (lbs/yr)	**4.10**	**0.00**	**4.10**
Runoff Volume (acre ft)	**3.80**	**1.70**	**2.10**

Unit Costs*

	Sed $/Ton	Phos $/Pound	Runoff $/Ac Ft
SWCD:	**$0.00**	**$0.00**	**$0.00**
VRWJPO:	**$463.65**	**$260.10**	**$507.80**
Overall:	**$535.39**	**$300.34**	**$586.38**

*Over term of cost share contract

Local Funding Partner

Vermillion River watershed reflecting life

For more information contact Scott SWCD at 952.492.5425 or visit scottswcd.org

Conservation Cost Share Program

Completed Project Fact Sheet

SCOTT SWCD

Dan Thompson Filter Strip

Cooperator & Location

Name	**Dan Thompson**
Address	**24901 Beard Ct**
City/Twp	**New Market**
Watershed	**VRWJPO**

Project Details

Practice	**Filter Strip**
Quantity	**1.80 Acres**
Project ID	**SR-17-009**
Project Term	**10 year(s)**

Resource Protected

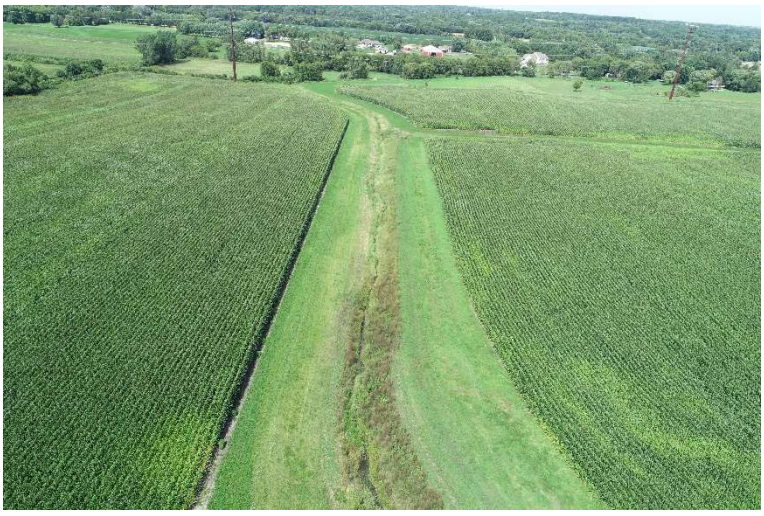
Tributary to the Vermillion River

Description

Danny installed a 1.8-acre filter strip along a ditch/intermittent stream that runs through his farm and eventually flows into Vermillion River. Other practices were planned and constructed using SWCD technical assistance and VRWJPO funding prior to but in conjunction with the filter strip through a comprehensive or "whole farm" approach to conservation. Those practices included a grade stabilization structure, grassed waterway, diversion and streambank protection. Filter strips reduce sediment and nutrient loading from upland erosion and runoff.

Before

After



Total Cost

$5,400.00

Sources

Cooperator:	**$0.00**
VRWJPO:	**$5,400.00**
SWCD:	**$0.00**
Federal:	**$0.00**

Environmental Benefits

Parameter	Before	After	Saved
Soil Erosion (tons/yr)	**1.0**	**0.2**	**0.8**
Sediment (tons/yr)	**46.90**	**16.20**	**30.70**
Phosphorus (lbs/yr)	**66.00**	**28.10**	**37.90**
Runoff Volume (acre ft)			**0.00**

Unit Costs*

	Sed $/Ton	Phos $/Pound	Runoff $/Ac Ft
SWCD:	**$0.00**	**$0.00**	**$0.00**
VRWJPO:	**$17.59**	**$14.25**	**$0.00**
Overall:	**$17.59**	**$14.25**	**$0.00**

*Over term of cost share contract

Local Funding Partner

Vermillion River watershed reflecting life

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