



Grant Progress Report

Wellhead Protection Partner Grant (Pilot) 2022

Grant Title: 2022 - Wellhead Protection Partner Grant (Pilot)-Rock County Rural Water East

Grant Award (\$): \$950,238.00

Grant Execution Date: 02/07/2022

Grant ID: P22-8160

Required Match (%): 10

Grant End Date: 12/31/2023

Grantee: Rock SWCD

Required Match (\$): \$95,023.80

Fiscal Agent:

Grant Day-to-Day Contact: Mary Thompson

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$950,238.00	\$950,238.00	\$0.00
Match Funds	\$95,343.77	\$95,343.77	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$1,045,581.77	\$1,045,581.77	\$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?
Rock SWCD Admin/Coordination	Administration/Coordination	Local Fund	Staff In-Kind Admin/Coordination	\$300.00	\$300.00	\$0.00	Y
Rock County Rural Water Cash Match	Non-Structural Management Practices	Local Fund	Cash Match	\$19,268.77	\$19,268.77	\$0.00	Y

<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>
Nitrogen Reduction through Permanent Grass Pasture System	Non-Structural Management Practices	Current State Grant	2022 - Wellhead Protection Partner Grant (Pilot)-Rock County..	\$950,238.00	\$950,238.00	\$0.00	N
Landowner Match	Non-Structural Management Practices	Landowner Fund	Landowner Match	\$50,775.00	\$50,775.00	\$0.00	Y
Rock County Rural Water & Rock SWCD In-Kind	Technical/Engineering Assistance	Local Fund	Staff In-Kind Tech/Engineering Assistance	\$25,000.00	\$25,000.00	\$0.00	Y

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)	Nitrogen	66	Lbs/Yr

Grant Activities

Activity Name: Landowner Match
Activity Category: Non-Structural Management Practices Staff time?: No
Description: Landowner will install and maintain perimeter fencing, paddock fencing and watering system for paddocks. Landowner will provide site prep and seed permanent pasture grasses.
10% total match is comprised of landowner match, Rock County Rural Water cash match, Rock County Rural Water and Rock SWCD staff time.
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>
Landowner Fund	Landowner Match	\$50,775.00	\$50,775.00	\$0.00	12/31/2022	Y

Actual Results

Landowner is in the process of installing perimeter fencing, paddock fencing and watering system for paddocks. Landowner has prepped and seeded permanent pasture grasses and will be seeding acres that are currently in a 3 year cover crop program when that contract expires. Landowner has also seeded small grains for winter feed.

Through 6/30/22:

Landowner Time (rate is labor and machinery):

108 hours x \$100 = \$10,800.00

Landowner Material Expenses:

High Tensile and #9 Wire - \$3,188.63

Seed - \$14,917.15

Fence Posts - \$6,297.71

Fountains - \$9,035.00

Insulators - \$293.78

Total time and materials - \$44,532.27

July - Dec 2022:

Labor - 112 x 100 = \$11,200.00 (rate it labor and machinery)

Fencing - \$28,409.23

Total: 39,609.23

Activity Name: Nitrogen Reduction through Permanent Grass Pasture System

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: Establish a 110.05 acre tract of land, adjacent to Rock County rural wells, in a managed pasture system based on NRCS standard 528. This will be enrolled in a 30 year contract and recorded on the property deed.

Land value based on 90% of Clinton Township RIM rate - \$9,594.00 (9,594.00 x .90 = \$8,634.60 per acre).

LADD PROPOSAL:

- 110.05 acre tracts of land will be enrolled in a long term 30 year contract. Contract has been reviewed and approved by the MN State Attorney General and the Rock County Attorney.
- The majority of the parcels will be seeded into grasses to support rotational grazing and 16 -20 upland acres into hay or small grains to provide winter feed for the cow/calf pairs.
- The land would be managed under a grazing management plan, developed with the assistance of NRCS grazing specialist, that would meet the NRCS prescribed grazing practice standard 528.
- No commercial nitrogen fertilizer will be applied to the tracts.
- The land use practices would be inspected annually and verified compliant with the NRCS standard 528 by Rock SWCD with job class approval. NRCS grazing specialist will assist with compliance verification.
- Should the landowners fail to maintain the practices detailed in the Conservation Plan and the Grazing Management Plan during the 30-year contract, the landowners or future landowners, in the case of change in ownership, are liable to the District for the amount equal to 150% of the amount of money listed for this contract.

The contract and payment approvals will be made through board motions by the Rock SWCD Board of Supervisors. The payment approval will be contingent upon a completed and approved pasture management plan.

NRCS Standard 528 and map of the project are attached in ELINK.

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 - Wellhead Protection Partner Grant (Pilot)-Rock County..	\$950,238.00	\$950,238.00	\$0.00	02/24/2022	N

Actual Results

A 110.05 acre tract of land has been enrolled in a long term 30 year contract recorded on the property deed. The land is managed by a grazing management plan developed with the assistance of NRCS. The majority of the parcels have been seeded in permanent grasses to support rotational grazing with 16-20 upland acres seeded to small grains for winter feed for cow/calf pairs. No commercial fertilizer has been applied to the tracts.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Nitrogen	66	Lbs/Yr

Activity Action Name:	Nitrogen Reduction through Permanent Grass Pasture System	Activity Count: 1		
Practice Type:	528 - Prescribed Grazing	Size/Units: 110.05 - Acres		
TA Provider/JAA:	SWCD	Lifespan: 30 Years		
Practice Description:	Prescribed Grazing	Install Date: 02/24/2022		
		Mapped: Yes		
Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	66	Other	Rock River

Activity Name: Rock County Rural Water & Rock SWCD In-Kind

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Rock County Rural Water and Rock SWCD will provide staff time.

Deliverables - Conservation Plan development, Grazing Plan development and legal fees for contract development. Annual nitrate monitoring monitoring and tracking, annual review of Grazing Plan and vegetative cover, annual site visits and a 5 year plan review over first 5 years of the 30 year contract.

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	Staff In-Kind Tech/Engineering Assistance	\$25,000.00	\$25,000.00	\$0.00	12/30/2022	Y

As of 6/30/2022:

AG - GIS Mapping

8 x 57.56 = \$460.48

DB - Multiple meetings and site visits with the project owner in developing the grazing management plan and contract.

95 x 65.17 = 6,191.15

PT - NRCS

EQIP contract development, seed determination, certification and fencing site visits.

85 x 55.00 = 4,592.50

JH - County Attorney

Contract development and review.

10 x 20.00 = 2,000.00

RH - Rural Water

meeting with project owner, nitrate monitoring, fencing coordination, line installation coordination, carbon market facilitation.

RH - 24 x 65.17 = \$1,564.08

Rural Water Staff - nitrate monitoring:

38 x 50.00 = \$1,900.00

Total Staff Time: \$ 16,708.21

July - Dec 2022:

DB - Multiple meetings and site visits with the project owner in developing the grazing management plan.

Actual Results 4,431.56

PT - NRCS

Certified monarch planting, flagged fencing and gates, site visit for landowner grazing concerns and EQIP certification and payment.

36 x 55.00 = 1980.00

RH - Rural Water

Coordination of plumbing changes, installed coil pit for Ladd's to install water lines to cattle fountains, removal of equipment in basement as part of plumbing project.

RH - 3 x 65.17 = \$195.51

Rural Water Staff - nitrate monitoring:

49.5 x 50.00 = \$2,475.00

Activity Name: Rock County Rural Water Cash Match

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: Rock County Rural Water will be providing cash match for this project.

10% total match is comprised of landowner match,

Rock County Rural Water cash match, Rock County Rural Water and Rock SWCD staff time.

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	Cash Match	\$19,268.77	\$19,268.77	\$0.00	12/31/2023	Y

Actual Results

McClure Plumbing and Heating locates for fencing:

\$390.00

Jul - Dec 2022

Coil pit and parts, parts for removal of equipment from basement for plumbing and watering fountains.

\$8,849.57

2023: NRCS and SWCD staff met with landowner for yearly contract compliance review, grazing certification, cross fence certification and HUAP (heavy use area protection) certifications and completed the site inspection. Staff also created the inspection form, completed paddock mapping, presented the project at SWCD Area V mtg, made payments from NRCS and Rural Water and completed reporting.

Payment to Ladd's for paddock watering structures.

\$2,063.32

DB: $69 \times 69.80 = 4,816.20$

AG: $8 \times 57.75 = 462.00$

PT - NRCS: $46 \times 60.00 = 2,760.00$

MT: $9.75 \times 35.37 = 344.86$

Total: 8,383.06

Activity Name: Rock SWCD Admin/Coordination

Activity Category: Administration/Coordination

Staff time?: Yes

Description: Staff will obtain contract and payment signature with the landowner, obtain approval of contract and payment from the Rock SWCD Board and complete reporting.

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	Staff In-Kind Admin/Coordination	\$300.00	\$300.00	\$0.00	12/30/2022	Y

Actual Results

MT - contract preparation, signature, approval and minutes, payment voucher preparation, signature, approval and minutes:
6.25 x 33.35 = 208.44

Jul - Dec 2022:
Reporting through 6/30/22. Gathering information from landowner and SWCD, Rural Water and NRCS staff, review of invoices and tax exemptions on purchases, reporting.
MT - 11.5 x 32.14 = 369.61