



Grant Progress Report

Cost Share 2022

Grant Title: 2022 - State Cost-Share Fund (Root River SWCD)

Grant ID: P22-5728

Grantee: Root River SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Dave Walter

Grant Award (\$): \$20,901.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 10/29/2021

Grant End Date: 12/31/2024

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$20,901.00	\$20,901.00	\$0.00
Match Funds	\$0.00	\$31,512.44	(\$31,512.44)
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$20,901.00	\$52,413.44	(\$31,512.44)

*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?
Cost Share BMP Projects - FY22	Agricultural Practices	Current State Grant	2022 - State Cost-Share Fund (Root River SWCD)	\$13,688.57	\$13,688.57	\$0.00	N
Cost Share BMP Projects - FY22	Agricultural Practices	Federal Funds	Federal Funds	\$0.00	\$23,222.47	(\$23,222.47)	Y
Cost Share BMP	Agricultural Practices	Landowner Fund	Landowner Funds	\$0.00	\$6,820.62	(\$6,820.62)	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>
Projects - FY22							
Cost Share BMP projects - FY22	Groundwater	Current State Grant	2022 - State Cost-Share Fund (Root River SWCD)	\$3,032.23	\$3,032.23	\$0.00	N
Cost Share BMP projects - FY22	Groundwater	Federal Funds	ARPA	\$0.00	\$1,017.24	(\$1,017.24)	Y
Cost Share BMP projects - FY22	Groundwater	Landowner Fund	Landowner Funds	\$0.00	\$452.11	(\$452.11)	Y
Wages - FY22 Administrative , Technical & Engineering	Technical/Engineering Assistance	Current State Grant	2022 - State Cost-Share Fund (Root River SWCD)	\$4,180.20	\$4,180.20	\$0.00	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)	6.23	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	6.23	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	8.22	Tons/Yr
Pollution Prevention	Prevention	1	Count

Grant Activities

Activity Name: Cost Share BMP Projects - FY22

Activity Category: Agricultural Practices **Staff time?:** No

Description: These funds will be used to provide cost share assistance consistent with BWSR & Root River SWCD's Cost Share Policies. It provides an opportunity for landowners/occupiers to install various agricultural practices according to NRCS Field Office Technical Guide standards and specifications. These agricultural practices will be installed in Houston County.

These agricultural practices will consist of but not be limited to Grassed Waterway (412), Grade Stabilization Structures (410), Critical Area Plantings (342).

This activity is supported by One Watershed, One Plan SW - 3.5, SW - 3.6, SW - 8.4 and Houston County Water Plan Goal 2.B.10.

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>
Federal Funds	Federal Funds	\$0.00	\$23,222.47	(\$23,222.47)	12/08/2022	Y
Landowner Fund	Landowner Funds	\$0.00	\$6,820.62	(\$6,820.62)	12/08/2022	Y
Current State Grant	2022 - State Cost-Share Fund (Root River SWCD)	\$13,688.57	\$13,688.57	\$0.00	06/08/2023	N

Actual Results

CY2021 No funds were expended.

CY2022 Funds were used to cost share two grade stabilization structures and a diversion. It also partially funded an additional grade stabilization structure. Remaining fund balance \$3,032.03.

CY2023 1st Qtr. No funds were expended.

A work plan revision requesting the remaining \$3,032.23 Ag Practice Activity funds be shifted to a Groundwater Practice Activity. Remaining Ag Practice funds are \$0.00.

On 12/8/2022 Morken Farms LLC payment was recorded as \$4,160.04 and should have been recorded as \$4,159.84. Thus the remaining funds available were \$3,032.23.

Final Indicators		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	6.23	Lbs/Yr
Soil (Est. Savings)	8.22	Tons/Yr
Sediment (Tss)	6.23	Tons/Yr

Activity Action Name: Thompson, D.	Activity Count: 1
Practice Type: 410 - Grade Stabilization Structure	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description: Landowner has gully erosion in his field and along an old 410. He would like to control soil loss and water pollution. A fitting BMP would be a grassed waterway and a grade stabilization structure.	Install Date: 12/08/2022
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	1.98	Bwsr Calc (Gully Stabilization)	Money Creek
Soil (Est. Savings)	Tons/Yr	3.97	Bwsr Calc (Gully Stabilization)	Money Creek
Sediment (Tss)	Tons/Yr	1.98	Bwsr Calc (Gully Stabilization)	Money Creek

Activity Action Name: Morken Farms LLC	Activity Count: 1
Practice Type: 410 - Grade Stabilization Structure	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA: NRCS	Lifespan: 10 Years
Practice Description: Landowner has two gullies on the edge of his field. He would like to control soil erosion and water pollution. A good BMP would be a grade stabilization structure.	Install Date: 12/08/2022
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	4.25	Bwsr Calc (Gully Stabilization)	Riceford Creek
Phosphorus (Est. Reduction)	Lbs/Yr	4.25	Bwsr Calc (Gully Stabilization)	Riceford Creek
Soil (Est. Savings)	Tons/Yr	4.25	Bwsr Calc (Gully Stabilization)	Riceford Creek

Activity Name: Cost Share BMP projects - FY22

Activity Category: Groundwater

Staff time?: No

Description: These funds will be used to provide cost share assistance consistent with BWSR & Root River SWCD's Cost Share Policies. It provides an opportunity for landowners/occupiers to install various groundwater practices according to NRCS Field Office Technical Guide standards and specifications. These groundwater practices will be installed in Houston County.

These ground water practices will consist of but not be limited to KARST Sinkhole Treatment (527).

This activity is supported by One Watershed, One Plan GW-1.1, GW-1.2, GW-1.3, LF-3.5, SC-4.1, SC-4.2, SC-4.3 and Houston County Water Plan Goal 1.

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 Funds	\$0.00	\$452.11	(\$452.11)	06/08/2023	Y
Current State Grant	2022 - State Cost-Share Fund (Root River SWCD)	\$3,032.23	\$3,032.23	\$0.00	06/08/2023	N
Federal Funds	ARPA	\$0.00	\$1,017.24	(\$1,017.24)	06/08/2023	Y

Actual Results

A work plan revision request was approved to move \$3,032.23 from the Ag Practice Activity to the Groundwater Practice Activity. Remaining Groundwater Practice funds are \$3,032.23.

CY2023 Funds provided cost share assistance to one landowner for a KARST Sinkhole Treatment project. No cost share funds remain.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Prevention	1	Count

Activity Action Name:	Meiners, Marlene	Activity Count: 1
Practice Type:	527 - Sinkhole Treatment	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Landowner has a sinkhole in her waterway. She would like to control soil erosion and water pollution. A fitting BMP would be to repair the sinkhole and shape a waterway around it.	Install Date: 05/18/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	1	Other	Groundwater

Activity Name: Wages - FY22 Administrative , Technical & Engineering

Activity Category: Technical/Engineering Assistance	Staff time?: Yes
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Description: Administrative funds may be used for work plan development, reporting, entering new projects, activities, mapping and entering indicators, fund sources and expenses, preparing cost share applications, amendments and payment vouchers along with preparing spot checks and tracking spot check information. Administrative Assistant will be performing these activities.

Technical staff, having the appropriate JAA which is available upon request, may use funds to perform I & E, survey, design, construction, check out and pollution reduction calculations, cost estimates and review bills for reimbursable cost share eligibility.

Billing Rate Method 2 will be used.

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 - State Cost-Share Fund (Root River SWCD)	\$4,180.20	\$4,180.20	\$0.00	12/30/2022	N

Actual Results

CY2021 No funds were expended.

CY2022 Tech Jean 43.5 hrs @ 43.32 = 1884.42; Admin Janice 44.5 hrs @ 50.19 = 2233.46; Mileage 170.75 mi @ 0.365 = 62.32 Technical time was dedicated to the construction of a grade stabilization structure and grassed waterway. Admin time represents amendment requests, documentation, bill reviews, prepping payment requests, e-Link & closeout of previous grant.