



# Grant Progress Report

## SWCD Local Capacity Services 2022

**Grant Title:** 2022 - SWCD Local Capacity Services (Root River SWCD)

**Grant Award (\$):** \$125,167.00

**Grant Execution Date:** 11/24/2021

**Grant ID:** P22-6148

**Required Match (%):** 0

**Grant End Date:** 12/31/2024

**Grantee:** Root River SWCD

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

**Fiscal Agent:**

**Grant Day-to-Day Contact:** Dave Walter

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$125,167.00	\$125,167.00	\$0.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$125,167.00</b>	<b>\$125,167.00</b>	<b>\$0.00</b>

\*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?
2022 - Administrative	Administration/Coordination	Current State Grant	2022 - SWCD Local Capacity Services (Root River SWCD)	\$20,000.00	\$20,000.00	\$0.00	N
2022 - Cover Crop Cost Share	Non-Structural Management Practices	Current State Grant	2022 - SWCD Local Capacity Services (Root River SWCD)	\$8,700.00	\$8,700.00	\$0.00	N
RIM Conservation	Planning and Assessment	Current State Grant	2022 - SWCD Local Capacity Services	\$6,000.00	\$6,000.00	\$0.00	N

<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>
Updates			(Root River SWCD)				
2022 - Technical & Engineering	Technical/Engineering Assistance	Current State Grant	2022 - SWCD Local Capacity Services (Root River SWCD)	\$90,467.00	\$90,467.00	\$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)	Nitrogen	965.8	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	67	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	14.78	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	41.65	Tons/Yr

## Grant Activities

### Activity Name: 2022 - Administrative

**Activity Category:** Administration/Coordination

**Staff time?:** Yes

**Description:** Funds will be used for grant administrative costs for the coordination of grant activities, work plan, budget and grant reporting.

The funds will also assist with administrative costs in preparing contracts, amendments, payments and site inspection forms for the Root River 1W1P cost share contracts.

Funding will support SWCD's staff time for training/conferences, which may include engineering, ecological science practice or other trainings for future programs that may be offered through the SWCD. It will also include training/conferences to enhance administrative staff.

These activities meet the One Watershed, One Plan SC - 4.1 and SC - 4.4; Houston County Water Plan Goal 3.A.2.

#### 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 - SWCD Local Capacity Services (Root River SWCD)	\$20,000.00	\$20,000.00	\$0.00	08/15/2023	N

## Actual Results

CY2021 No funds were expended.

CY2022 Admin Janice 32.75 hr @ 50.19 = 1643.72 Dist Man Dave 5 hr@ 63.21 = 316.05 Ast Man Bob 12.5 hr @ 61.85 = 773.13 Tech Jean 35 hr @ 42.38 = 1483.30 Tech Dan 31.52057264 hr @ 47.15 = 1486.19 Mileage 255 @ .585 = 149.18 & 130 @ .325 = 42.25

CY22 3rd & 4th Qtr Adm Jan 53.75 hr@50.19=2697.71 Dis Man Dave 2 hr@63.21=126.42; Tec Jean 21 hr@43.32=909.72; Ast Man Bob 1 @ 61.85 = 61.85; Tech Dan 7 hrs @47.15 = 330.05 Mileage 323 @0.625 = 201.88; additional 4th Qtr Adm Janice 4.25 hrs @ 55.48 = 235.79

Funds were used for staff attending on-line & in person trainings along with mileage; eLink reporting, grant reconciliations; cost share contracts, approval, amendment and payment letter to landowners; and preparing work plans. Remaining fund balance \$9,542.76.

CY2023 1st Qtr. - Tech Dan 23 hrs @ 53.66=1,234.18; Tech Jean 36 hrs @ 50.09=1,803.24; Dist Man Dave 28 hrs @ 72.09=2,018.52; Admin Janice 5.75 hrs @ 58.74=337.76; Mileage 165 miles @ \$0.655/mile = \$108.08. Remaining balance \$4,040.99

CY2023 2nd Qtr - Tech Jean 1.5 hrs @ \$50.09 = \$75.14; Dist Man Dave 2 hrs @ \$72.09 = \$144.18; Admin Janice 37.75 hrs @ \$58.74 = \$2,217.44. Funds were used for Security Awareness training, RIM training and BWSR trainings. Funds also were used to reconcile grant, eLink reporting, site inspection prep and recording and applications, amendments and payment. Remaining balance \$1,604.24

CY 2023 3rd Qtr. - Dist Man Dave 16 hrs @ \$72.09 = \$1,153.44; Admin Janice 7.6745 hrs @ \$58.74 = \$450.80. Funds were used for training time. Training subject matter consisted of cover crops and prairie restoration. Funds were also used to reconcile grant hours and do eLink reporting, prepare a cost share application and amendments and prepare a cost share voucher & practice certification and payment.

## Activity Name: 2022 - Cover Crop Cost Share

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

**Staff time?:** No

**Description:** Funds will be used to provide flat rate cost share dollars to producers in Houston County who have not implemented cover crops on a field in the last 5 years.

Referencing the Root River SWCD Cost Share Policy attached, a 30 acre cap will be implemented, using a cost share incentive rate of \$30.00 per acre for three consecutive years.

A one-time payment per operator will be paid at the time of seeding the first year.

Standards and specifications found in the NRCS Field Office Technical Guide will be followed and the Minnesota Cover Crop Design Worksheet will be utilized to develop projects for producers.

This activity is supported by the One Watershed, One Plan SW - 3.2, SW - 3.5, SW - 4.2, SW - 5.1, SW - 5.3, SW - 6.3, GW - 1.9, GW - 4.4, SC - 2.4, SUST - 2.4 and Houston County Water Plan Goal 2.B.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>
Current State Grant	2022 - SWCD Local Capacity Services (Root River SWCD)	\$8,700.00	\$8,700.00	\$0.00	11/10/2022	N

### Actual Results

CY2021 No funds were expended.

CY2022 \$8,700 was expended. Four operators installed 96.66666 acres of cover crops.

<b>Final Indicators</b>		
<b>Indicator</b>	<b>Total Value</b>	<b>Unit</b>
Phosphorus (Est. Reduction)	67	Lbs/Yr
Nitrogen	965.8	Lbs/Yr
Sediment (Tss)	14.78	Tons/Yr
Soil (Est. Savings)	41.65	Tons/Yr

Activity Action Name: Skifton, Gerald 01FY22LC-CC	Activity Count: 1
Practice Type: 340 - Cover Crop	Size/Units: 30 - Acres
TA Provider/JAA: SWCD	Lifespan: 3 Years
Practice Description: Landowner would like to improve soil health while reducing erosion on cropland.	Install Date: 10/13/2022
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	12.12	Bwsr Calc (Sheet And Rill)	Root River
Nitrogen	Lbs/Yr	233.5	HSPF SAM - 12 Digit HUC	Root River
Soil (Est. Savings)	Tons/Yr	10.98	Bwsr Calc (Sheet And Rill)	Root River
Sediment (Tss)	Tons/Yr	6.12	Bwsr Calc (Sheet And Rill)	Root River

Activity Action Name: Von Arx, Andy 02FY22LC-CC	Activity Count: 1
Practice Type: 340 - Cover Crop	Size/Units: 22 - Acres
TA Provider/JAA: SWCD	Lifespan: 3 Years
Practice Description: Landowner would like to reduce erosion while improving soil health.	Install Date: 10/22/2022
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	0.08	Bwsr Calc (Sheet And Rill)	Crooked Creek
Nitrogen	Lbs/Yr	325.6	HSPF SAM - 12 Digit HUC	Crooked Creek
Soil (Est. Savings)	Tons/Yr	2.2	Bwsr Calc (Sheet And Rill)	Crooked Creek
Sediment (Tss)	Tons/Yr	0.06	Bwsr Calc (Sheet And Rill)	Crooked Creek

Activity Action Name:	Doering, Dennis 04FY22LC-CC	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 14 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Landowner would like to reduce erosion while improving soil health.	Install Date: 10/29/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	8.07	Bwsr Calc (Sheet And Rill)	Mormon Creek - Mississippi River
Sediment (Tss)	Tons/Yr	5.55	Bwsr Calc (Sheet And Rill)	Mormon Creek - Mississippi River
Nitrogen	Lbs/Yr	229.5	HSPF SAM - 12 Digit HUC	Mormon Creek - Mississippi River
Phosphorus (Est. Reduction)	Lbs/Yr	35.41	Bwsr Calc (Sheet And Rill)	Mormon Creek - Mississippi River

Activity Action Name:	Myhre, Paul #03FY22LC-CC	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 30 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Landowner would like to reduce erosion and increase soil health.	Install Date: 10/22/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	19.39	Bwsr Calc (Sheet And Rill)	Root River
Sediment (Tss)	Tons/Yr	3.05	Bwsr Calc (Sheet And Rill)	Root River
Nitrogen	Lbs/Yr	177.2	HSPF SAM - 12 Digit HUC	Root River
Soil (Est. Savings)	Tons/Yr	20.4	Bwsr Calc (Sheet And Rill)	Root River

## Activity Name: 2022 - Technical & Engineering

**Activity Category:** Technical/Engineering Assistance

**Staff time?:** Yes

**Description:** Staff will provide technical and engineering assistance to landowners/operators with their various resource concerns. With staffs assistance a reduction in sediment, savings in soil and management of nutrient pollution is being addressed.

Staff, with appropriate Job Approval Authority, will complete surveys, project designs and assist with constructions and completion of projects following the standards and specifications of the NRCS Field Office Technical Guide.

Technical staff will also perform follow-up operation and maintenance site inspections.

This is in correlation with Root River One Watershed, One Plan SC - 4.4; SC - 2.4; SC - 2.6 and Houston County Water Plan Goal 2.B.2, 3, 5, 10, 11, 12; Goal 2.C.5; Goal 2.D.2; Goal 2.F.3.

### 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 - SWCD Local Capacity Services (Root River SWCD)	\$90,467.00	\$90,467.00	\$0.00	04/24/2023	N

## Actual Results

CY2021 No funds were expended.

CY2022 Tec Dan 372.9155 hr@47.15 =17582.97 Tec Jean 279.0021 hr@43.32 =12086.37 Dist Man Dave 253 hr@63.21 =15992.13 Ast Man Bob 167 hr@61.85 =10328.95 Mileage 2353 mi@ .625 =1470.89 & 2451 mi@.365=894.62. CY2022 Tec Dan 42 hrs @ 50.44 = 2118.48; Tec Jean 30 hrs @ 47.15 = 1414.50. Remaining fund balance \$28,578.36.

CY2023 1st Qtr - Tech Dan 213 hrs @ 53.66=11429.58, Tech Jean 193.5 hrs @ 50.09=9692.42; Dist Man Dave 53.5 hrs @ 72.09 = 3856.82; Mileage 146 miles @ \$0.655/mi = 95.63 & 67 miles @ \$0.375/mi = \$25.13. Remaining balance \$3,478.78

CY2023 2nd Qtr - Tech Dan 16 hrs @ \$53.66 = \$858.56; Tech Jean 19.5 hrs @ \$50.99 = \$976.76; Dist Man Dave 22.7976 hrs @ \$72.09 = \$1643.48.

Over the course of the grant 86 landowners were assisted which consists of four grade stabilization structures being installed, five in the design stage and nine other potential sites were assessed. Three grassed waterway projects were completed, seven are in the design or construction phases, two sites were viewed with issues, and three sites were assessed for possible projects. One streambank project was completed, two in the design phase, and two potential sites were viewed. One access road project and one brush management project was completed. A terrace project, a diversion and a critical area planting were designed. Five cover crop plans, 13 brush management plans and two conservation cover plans were also designed. A critical area planting, two brush management sites and two diversion sites were looked at for potential projects. Technical assistance was provided for a sinkhole project and a dike project through the construction phase. Technical assistance was also provided for three contour strip projects and the planning stage for two waste storage facilities. Technical time was also dedicated to performing required site inspections for 13 brush management sites, 27+ cover crop project sites and a conservation cover site.

## Activity Name: RIM Conservation Updates

**Activity Category:** Planning and Assessment

**Staff time?:** Yes

**Description:** Funds will be used for expenses to update RIM conservation plans and ownership changes. This includes technical and administrative time, mileage and fees to obtain updated deed information.

This is supported by the Root River One Watershed One Plan Policy 2.6.2.2 Land Asset Management; LF - 4.2; LF - 4.4; LF - 6.3; SUST - 1.5 and Houston County Water Plan Policy Goal 2.A.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>
Current State Grant	2022 - SWCD Local Capacity Services (Root River SWCD)	\$6,000.00	\$6,000.00	\$0.00	06/19/2023	N
<b>Actual Results</b>						
CY2021 No funds were expended.						
CY2022 Admin Janice 46.8813 hrs @50.19=2352.97; Tech Jean 45.5 hrs @43.32=1971.06; Tech Dan 2 hrs @47.15=94.30 Funds were used for preparing landowner letters and completed site inspections; amendment requests; ownership changes; conservation plan updates; shape files and maps. Remaining fund balance \$1,581.67						
CY2023 1st Qtr. = Admin Janice 0.25 hrs @ \$58.74 = 14.69 Remaining fund balance \$1,566.98.						
CY2023 2nd Qtr. Admin Janice 26.4042 hrs @ \$58.74/hr = \$1,550.98; Copy of Deeds 2 @ \$8.00/each = \$16.00. These funds were used to perform a survey & research, create an easement spreadsheet to track the easements, prep for current year site inspections, send out inspections and letter to landowners, submitted three ownership changes and addressed three amendments.						