



Grant All-Detail Report Cost Share 2020

Grant Title - 2020 - State Cost-Share Fund (Root River SWCD)

Grant ID - P20-5241

Organization - Root River SWCD

Original Awarded Amount	\$20,901.00	Grant Execution Date	8/9/2019
Required Match Amount	\$5,225.25	Original Grant End Date	12/31/2022
Required Match %	25%	Grant Day To Day Contact	Janice Messner
Current Awarded Amount	\$20,901.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$20,901.00	\$20,901.00	\$0.00
Total Match Amount	\$2,791.32	\$3,449.30	\$-657.98
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$23,692.32	\$24,350.30	\$-657.98

**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	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Grade Stabilization Structure Installation	Agricultural Practices	Current State Grant	2020 - State Cost-Share Fund (Root River SWCD)	\$9,920.12	\$9,920.12	8/11/2022	N
Grade Stabilization Structure Installation	Agricultural Practices	Landowner Fund	Landowner Contribution	\$1,400.00	\$2,057.98	8/11/2022	Y
Lined Waterway Installation	Agricultural Practices	Current State Grant	2020 - State Cost-Share Fund (Root River SWCD)	\$2,626.70	\$2,626.70	10/10/2019	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Terraces Installation	Agricultural Practices	Current State Grant	2020 - State Cost-Share Fund (Root River SWCD)	\$4,173.98	\$4,173.98	11/12/2020	N
Terraces Installation	Agricultural Practices	Landowner Fund	Landowner Contribution	\$1,391.32	\$1,391.32	11/12/2020	Y
Wages - FY20 Administrative, Technical & Engineering	Technical/Engineering Assistance	Current State Grant	2020 - State Cost-Share Fund (Root River SWCD)	\$4,180.20	\$4,180.20	9/12/2020	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
600 - Terrace	1	4	2130 LINEAR FEET	2130 LINEAR FEET
412 - Grassed Waterway and Swales	1	1	780 LINEAR FEET	LINEAR FEET
410 - Grade Stabilization Structure	1	1	1 COUNT	1 COUNT
600 - Terrace	1	3	2250 LINEAR FEET	2250 LINEAR FEET

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
---------------	----------------	---------------	-----------	------------------	----------

Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	10.16	TONS/YR
PHOSPHORUS (EST. REDUCTION)	15.53	LBS/YR
SOIL (EST. SAVINGS)	30.78	TONS/YR

Grant Activity

Grant Activity - Grade Stabilization Structure Installation	
Description	Grade Stabilization installation
Category	AGRICULTURAL PRACTICES
Start Date	9-Aug-19 End Date 11-Aug-22
Has Rates and Hours?	No
Actual Results	One grade stabilization structure was installed. Multiple funding sources were used. Landowner contribution totaled \$2,057.98. \$13,371.00 (Eligible expenses) @ 90% = \$12,033.90 FY20 State Cost Share = \$9,920.12 FY201W1P Cost Share = \$108.13 ARPA = \$2,005.65

Activity Action - Contract #07FY21CS - Bauer, S	
Practice	410 - Grade Stabilization Structure Count of Activities 1
Description	Landowner has a large gully on the edge of his field. He would like to control soil loss and water pollution. A fitting BMP would be a grade stabilization structure.
Proposed Size / Units	1.00 COUNT Lifespan 10 Years
Actual Size/Units	1.00 COUNT Installed Date 11-Aug-22
Mapped Activities	1 Point(s) Technical Assistance Provider SWCD
Final Indicator for Contract #07FY21CS - Bauer, S	
Indicator Name	SEDIMENT (TSS) Value 1.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool BWSR CALC (GULLY STABILIZATION)
Waterbody	Crooked Creek
Final Indicator for Contract #07FY21CS - Bauer, S	
Indicator Name	SOIL (EST. SAVINGS) Value 2.81
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR Calculation Tool BWSR CALC (GULLY STABILIZATION)
Waterbody	Crooked Creek

Final Indicator for Contract #07FY21CS - Bauer, S			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Crooked Creek		

Grant Activity - Lined Waterway Installation			
Description	Lined Waterway Installation		
Category	AGRICULTURAL PRACTICES		
Start Date	9-Aug-19	End Date	10-Oct-19
Has Rates and Hours?	No		
Actual Results	CY19 \$2,626.70 was expended partially funding a lined waterway. Total Cost \$45,849.99 75% Cost Share = \$34,387.49. (FY18 State Cost Share \$16,720.80; FY18 Local Capacity County \$2,076.16; FY17 Local Capacity \$6,782.45; FY19 State Cost Share \$6,181.38; FY20 State Cost Share \$2,626.70). Remaining grant funds \$14,094.10. CY2020 Remaining grant funds \$9,920.12. CY2022 Remaining grant funds, \$9,920.12 were expended on the installation of a grade stabilization structure 410.		

Grant Activity - Terraces Installation			
Description	Terrace Installations		
Category	AGRICULTURAL PRACTICES		
Start Date	9-Aug-19	End Date	12-Nov-20
Has Rates and Hours?	No		
Actual Results	CY2020 Funds in the amount of \$4,173.98 was expended for the installation of seven terraces totaling 9,191.43 LF. Remaining grant funds \$9,920.12. Landowner contribution = \$1,391.32. CY2022 Remaining grant funds, \$9,920.12 were expended on the installation of a grade stabilization structure 410.		

Activity Action - Leary, R - #01FY20CS			
Practice	600 - Terrace	Count of Activities	1
Description	Landowner has existing terraces that have filled in. He would like to capture and control overland flow of runoff and prevent sheet and rill erosion. A fitting BMP would be to re-establish terraces.		
Proposed Size / Units	2,250.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	2,250.00 LINEAR FEET	Installed Date	12-Nov-20
Mapped Activities	3 Polygon(s)	Technical Assistance Provider	SWCD
Final Indicator for Leary, R - #01FY20CS			
Indicator Name	SEDIMENT (TSS)	Value	7.35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crystal Creek		
Final Indicator for Leary, R - #01FY20CS			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	12.03
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crystal Creek		
Final Indicator for Leary, R - #01FY20CS			
Indicator Name	SOIL (EST. SAVINGS)	Value	18.45
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crystal Creek		

Activity Action - Troendle, R. - #02FY20CS			
Practice	600 - Terrace	Count of Activities	1
Description	Landowner has existing terraces that have filled in. He would like to capture and control overland flow of runoff and prevent sheet and rill erosion. A fitting BMP would be to re-establish terraces.		
Proposed Size / Units	2,130.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	2,130.00 LINEAR FEET	Installed Date	12-Nov-20
Mapped Activities	4 Polygon(s)	Technical Assistance Provider	SWCD
Final Indicator for Troendle, R. - #02FY20CS			
Indicator Name	SEDIMENT (TSS)	Value	1.41
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Waterloo Creek		
Final Indicator for Troendle, R. - #02FY20CS			
Indicator Name	SOIL (EST. SAVINGS)	Value	9.52
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)

Waterbody	Waterloo Creek		
Final Indicator for Troendle, R. - #02 FY20CS			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Waterloo Creek		

Grant Activity - Wages - FY20 Administrative, Technical & Engineering			
Description	<p>Administrative funds may be used for work plan development, reporting, entering new project activities, mapping and entering indicators, fund sources and expenses, preparing and tracking spot check information. Administrative Assistant will be performing these activities.</p> <p>Technical staff may use funds to perform I & E, survey, design, construction, check out and pollution reduction calculations, cost estimates.</p> <p>Billing Rate Method 2 will be used.</p> <p>TECHNICAL/ENGINEERING ASSISTANCE</p>		
Category			
Start Date	23-Aug-19	End Date	12-Sep-20
Has Rates and Hours?	No		
Actual Results	<p>CY2019 - Funds in the amount of \$ 176.52 were expended. Mileage 176 @ \$0.32 = \$56.32; Admin Janice 2.75 hrs @ \$43.71 = \$120.20. Remaining fund balance is \$4,003.68.</p> <p>CY2020 - Tech Jean 20.0688 @ 40.07 = 804.16; Dist Man Dave 47 hrs @ 60.19 = 2828.93; Admin Janice 8.25 hrs @ 44.92 = \$370.59 Remaining fund balance is \$0.00.</p>		

Grant Attachments

Document Name	Document Type	Description
2020-2021 Programs and Operations Grants	Grant Agreement	2020/2021 SWCD Programs and Operations Grants - Root River SWCD
2020/2021 Programs and Operations Grants EXECUTED	Grant Agreement	2020/2021 SWCD Programs and Operations Grants - Root River SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/19/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/15/2022

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/09/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/04/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/12/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/18/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/19/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/05/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/03/2022
NLMP Implementation Plan Request Form	Grant	2020 - State Cost-Share Fund (Root River SWCD)
P20-5241 FY20 State Cost Share Financial Report	Grant	2020 - State Cost-Share Fund (Root River SWCD)