



Grant All-Detail Report Cost Share 2021

Grant Title - 2021 - State Cost-Share Fund (Root River SWCD)

Grant ID - P21-5331

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	\$57,887.64	\$57,887.64	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$78,788.64	\$78,788.64	\$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	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Ag Practice Implementation	Agricultural Practices	Current State Grant	2021 - State Cost-Share Fund (Root River SWCD)	\$16,720.80	\$16,720.80	12/8/2022	N
Ag Practice Implementation	Agricultural Practices	Federal Funds	Federal Funds	\$47,762.01	\$47,762.01	12/8/2022	Y
Ag Practice Implementation	Agricultural Practices	Landowner Fund	Landowner Fund	\$10,125.63	\$10,125.63	12/8/2022	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Wages - FY21 Administrative , Technical & Engineering	Technical/Engineering Assistance	Current State Grant	2021 - State Cost-Share Fund (Root River SWCD)	\$4,180.20	\$4,180.20	9/6/2022	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	1	1	1100 LINEAR FEET	1100 LINEAR FEET
410 - Grade Stabilization Structure	1	1	1 COUNT	1 COUNT
412 - Grassed Waterway and Swales	2	2	550 LINEAR FEET	465 LINEAR FEET
412 - Grassed Waterway and Swales	2	2	710 LINEAR FEET	719 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)	27.26	TONS/YR
SOIL (EST. SAVINGS)	67.27	TONS/YR
PHOSPHORUS (EST. REDUCTION)	27.26	LBS/YR

Grant Activity

Grant Activity - Ag Practice Implementation

Description	<p>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.</p> <p>These agricultural practices will consist of but not be limited to Grassed Waterway (412), Grade Stabilization Structures (410), Critical Area Plantings (342).</p> <p>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.</p>		
Category	AGRICULTURAL PRACTICES		
Start Date	31-Jul-20	End Date	08-Dec-22
Has Rates and Hours?	No		
Actual Results	CY2022 \$16,720.80 was expended to three landowners. A grade stabilization structure was installed along with 2,284 LF of grassed waterways, lined waterways, subsurface drain and a rock chute. Also, a pre-construction cover incentive was made on two acres.		

Activity Action - King, L #04FY21CS

Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Landowner has a gully head in his woodland. He would like to control soil erosion and water pollution. A fitting BMP would be a grade stabilization structure.		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	8-Dec-22
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for King, L #04FY21CS

Indicator Name	SOIL (EST. SAVINGS)	Value	23.38
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lower Winnebago Creek		

Final Indicator for King, L #04FY21CS

Indicator Name	SEDIMENT (TSS)	Value	11.69
-----------------------	----------------	--------------	-------

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lower Winnebago Creek		
Final Indicator for King, L. #04FY21CS			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	11.69
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lower Winnebago Creek		

Activity Action - King, L. #03FY21CS			
Practice	412 - Grassed Waterway and Swales	Count of Activities	2
Description	The landowner has a gully head in his woodland. A grade stabilization structure is being built to control soil erosion and water pollution. The grassed waterways will act as an outlet for the grade stabilization structure.		
Proposed Size / Units	550.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	465.00 LINEAR FEET	Installed Date	10-Sep-22
Mapped Activities	2 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for King, L. #03FY21CS			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lower Winnebago Creek		

Final Indicator for King, L. #03FY21CS			
Indicator Name	SEDIMENT (TSS)	Value	2.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lower Winnebago Creek		

Final Indicator for King, L. #03FY21CS			
Indicator Name	SOIL (EST. SAVINGS)	Value	5.67
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lower Winnebago Creek		

Activity Action - Traun, V #02FY21CS			
Practice	412 - Grassed Waterway and Swales	Count of Activities	2
Description	Landowner would like to treat gully erosion and control runoff by installing a grassed waterway, lined outlet and associated practices.		
Proposed Size / Units	710.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	719.00 LINEAR FEET	Installed Date	8-Dec-22
Mapped Activities	2 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Traun, V #02FY21CS

Indicator Name	SOIL (EST. SAVINGS)	Value	22.92
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River		

Final Indicator for Traun, V #02FY21CS

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	11.46
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River		

Final Indicator for Traun, V #02FY21CS

Indicator Name	SEDIMENT (TSS)	Value	11.46
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River		

Activity Action - Feine, S #03FY21LC			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Gully erosion and severe soil wetness are occurring in pasture area. BMP to treat this resource concern is a grassed waterway with a subsurface drain.		
Proposed Size / Units	1,100.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,100.00 LINEAR FEET	Installed Date	5-Sep-22
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	TSA

Final Indicator for Feine, S #03FY21LC

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.28
----------------	-----------------------------	-------	------

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lower Money Creek		
Final Indicator for Feine, S #03FY21LC			
Indicator Name	SEDIMENT (TSS)	Value	1.28
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lower Money Creek		
Final Indicator for Feine, S #03FY21LC			
Indicator Name	SOIL (EST. SAVINGS)	Value	15.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lower Money Creek		

Grant Activity - Wages - FY21 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>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	31-Jul-20	End Date	06-Sep-22
Has Rates and Hours?	Yes		
Actual Results	<p>CY2021 Admin Janice 4.25 hrs @ 48.39 = 205.66. Pre-Construction Application, Approval Letter & cancellation. Cost Share applications and amendment & approval letters. Remaining fund balance \$3,974.54.</p> <p>CY2022 Tech Jean 4.5 hrs @ 42.38 = 190.71 Adm Janice 19.25 hrs @ 50.19 = 966.16 DM Dave 24.5 hrs @ 63.21 = 1548.65 Tech Dan 25.5845 hrs @ 47.15 = 1206.31 Mileage 90 @ .585 = 52.65 & 31 @ .325 = 10.08. Technical assistance provided on a grassed waterway project; administrative consisted of reconciling hours, eLink reporting, reviewing project bills, contract approval, preparing voucher & certification.</p> <p>Administrative services were provided on 11 landowner contracts and technical assistance for one landowner.</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 - 02/03/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/14/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/09/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/05/2022
FY21 NLMP Implementation Plan Request Form	Grant	2021 - State Cost-Share Fund (Root River SWCD)
P21-5331 Financial Report FY21 State Cost Share	Grant	2021 - State Cost-Share Fund (Root River SWCD)