



Grant All-Detail Report Watershed Based Funding Pilot 2018

Grant Title - Root River 1W1P 2018-2019

Grant ID - C18-5518

Organization - Winona SWCD

Original Awarded Amount	\$851,301.00	Grant Execution Date	5/15/2018
Required Match Amount	\$85,130.10	Original Grant End Date	12/31/2021
Required Match %	10%	Grant Day To Day Contact	Wanda Anderson
Current Awarded Amount	\$851,301.00	Current End Date	12/31/2021

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$851,301.00	\$20,429.82	\$830,871.18
Total Match Amount	\$170,260.00	\$0.00	\$170,260.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$1,021,561.00	\$20,429.82	\$1,001,131.18

**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
RR1W1P Ag Practice Implementation	Agricultural Practices	Current State Grant	Root River 1W1P 2018-2019	\$380,374.00			N
RR1W1P Ag Practice Implementation	Agricultural Practices	Federal Funds	RCPD	\$85,130.00			Y
RR1W1P Ag Practice Implementation	Agricultural Practices	Landowner Fund	Landowner Contribution	\$85,130.00			Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
RR1W1P Grant Admin	Administration /Coordination	Current State Grant	Root River 1W1P 2018-2019	\$70,000.00	\$4,171.35	12/12/2018	N
RR1W1P Project Development	Project Development	Current State Grant	Root River 1W1P 2018-2019	\$58,400.00	\$2,736.17	11/14/2018	N
RR1W1P Technical Assistance	Technical/Engineering Assistance	Current State Grant	Root River 1W1P 2018-2019	\$342,527.00	\$13,522.30	11/14/2018	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
RR1W1P Ag Practice Implementation	PHOSPHORUS (EST. REDUCTION)	331.5 LBS/YR	Crooked Creek	BWSR CALC (GULLY STABILIZATION)	
RR1W1P Ag Practice Implementation	PHOSPHORUS (EST. REDUCTION)	3.5 LBS/YR	Middle Branch Root River	Other	PTMApp estimated reduction
RR1W1P Ag Practice Implementation	PHOSPHORUS (EST. REDUCTION)	1.5 LBS/YR	South Branch Root River	Other	PTMApp estimated reduction
RR1W1P Ag Practice Implementation	PHOSPHORUS (EST. REDUCTION)	2 LBS/YR	South Fork Root River	Other	PTMApp estimated reduction
RR1W1P Ag Practice Implementation	PHOSPHORUS (EST. REDUCTION)	2 LBS/YR	Root River Planning Area	Other	PTMApp estimated reduction
RR1W1P Ag Practice Implementation	NUTRIENTS (NITRATE)	3432 LBS/YR	Rush Creek	Literature Value	U of M Extension publication: 6.6#/ac nitrate-N reduction from cover crops
RR1W1P Ag Practice Implementation	NUTRIENTS (NITRATE)	660 LBS/YR	N. Branch Root River	Literature Value	U of M Extension publication: 6.6#/ac nitrate-N reduction from cover crops

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
RR1W1P Ag Practice Implementation	SEDIMENT (TSS)	438 TONS/YR	South Fork Root River	Other	PTMApp estimated reduction
RR1W1P Ag Practice Implementation	SEDIMENT (TSS)	232 TONS/YR	Root River Planning Area	Other	PTMApp estimated reduction
RR1W1P Ag Practice Implementation	SEDIMENT (TSS)	359 TONS/YR	Rush Creek	Other	PTMApp estimated reduction
RR1W1P Ag Practice Implementation	SEDIMENT (TSS)	331.5 TONS/YR	Crooked Creek	BWSR CALC (GULLY STABILIZATION)	
RR1W1P Ag Practice Implementation	SEDIMENT (TSS)	482 TONS/YR	Middle Branch Root River	Other	PTMApp estimated reduction
RR1W1P Ag Practice Implementation	SEDIMENT (TSS)	318 TONS/YR	South Branch Root River	Other	PTMApp estimated reduction
RR1W1P Ag Practice Implementation	SEDIMENT (TSS)	125 TONS/YR	N. Branch Root River	Other	PTMApp estimated reduction

Final Indicators Summary

Indicator Name	Total Value	Unit
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Grant Activity

Grant Activity - RR1W1P Ag Practice Implementation	
Description	<p>Cost share for on the ground agricultural conservation practices in the following areas of the watershed: headwaters of the Middle and South Branch Root River, South Fork/Riceford, Crooked Creek, and Rush Pine watersheds. This will include the use of cover crops and other nitrogen reduction practices in the vulnerable DWSMAs in Utica and Chatfield. Other anticipated BMPs include, but are not limited to, grassed waterways, water and sediment basins, grade stabilization structures, cover crops, or buffers. The group anticipates at least 44 projects will be completed with just the State funds involved. U of M Extension research showing 6.6 lbs/ac reduction in nitrate leaching from the use of cover crops will be utilized for calculating nitrate reduction values for cover crops established under this grant.</p> <p>Cost share rates and procedure will be established by local policy prior to contract implementation and will be attached to the work plan.</p>
Category	AGRICULTURAL PRACTICES
Start Date	15-May-18
End Date	
Has Rates and Hours?	No
Actual Results	<p>2018 No Expenses</p> <p>2018 Activities</p> <p>Root River SWCD - Grade Stabilization Project Completed - 2019 Expenses</p> <p>Olmsted SWCD - Terrace Project Completed - 2019 Expenses</p>

Grant Activity - RR1W1P Grant Admin

<p>Description</p>	<p>Grant Administration costs for coordination of committee meetings, work plan and budget tracking and reporting, and other associated tasks for implementation of grant activities. This portion will be handled by Fillmore SWCD Administrator and Water Management Coordinator.</p> <p>Winona SWCD will act as fiscal agent tracking grant expenditures, processing payments, administering sub agreements, and assisting with grant reporting and other financial responsibilities. This will involve time for the Winona SWCD District Manager and Office Administrator.</p>	
<p>Category</p>	<p>ADMINISTRATION/COORDINATION</p>	
<p>Start Date</p>	<p>15-May-18</p>	<p>End Date</p>
<p>Has Rates and Hours?</p>	<p>Yes</p>	
<p>Actual Results</p>	<p>2018 Expenses \$4,171.35</p> <p>2018 Activities</p> <p>Fillmore SWCD - Meeting preparation, coordination for all committee meetings.</p> <p>Winona County SWCD - Fiscal administration, budget development, secure sub-agreements with partners.</p>	

Grant Activity - RR1W1P Project Development

<p>Description</p>	<p>In the headwaters of Middle and South Branch Root River watershed in Mower County, funds will be used for the farm walkover process to identify critical source areas. Staff time from Mower SWCD technicians. Goal of working with 15 landowners.</p> <p>In the South Fork Root River/Riceford Creek watersheds, funds will be used for contracted services for PTMApp analysis of runoff volumes and assessment of existing conservation practices, plus Fillmore and Root River SWCD technician staff time to work with landowners to develop potential projects. Goal of working with 15 landowners.</p> <p>In the Rush-Pine watershed, funds will be used for education and outreach and work with landowners to identify conservation needs. Efforts will be in conjunction with support to the Rush Pine Farmer Led Council. Staff from Winona County, Winona SWCD and Fillmore SWCD will provide this assistance. Goal of working with 60 landowners and holding 2 outreach events per year.</p> <p>In the Chatfield and Utica DWSMAs, funds will be used for education and outreach to implement each cities' Wellhead Protection Plan. Goal of working with 10 landowners and holding 2 outreach events per year.</p>	
<p>Category</p>	<p>PROJECT DEVELOPMENT</p>	
<p>Start Date</p>	<p>15-May-18</p>	<p>End Date</p>
<p>Has Rates and Hours?</p>	<p>Yes</p>	
<p>Actual Results</p>	<p>2018 Expenses \$2,736.17</p> <p>2018 Activities</p> <p>SE WRB - PTMApp training, data compilation and analysis preparation.</p> <p>Root River SWCD - Assess grade stabilization structure need, survey and design for potential project.</p>	

Grant Activity - RR1W1P Technical Assistance

Description	<p>Engineering and technical assistance includes staff time for on the ground implementation in the following priority watershed areas: headwaters of Middle and South Branch Root River, South Fork/Riceford Creek, Crooked Creek, Rush-Pine, and the DWSMAs for Utica and Chatfield. A majority of this will be technician staff time from the local SWCD with appropriate JAA. Staff credentials can be viewed at their respective offices. If JAA is not available, TSA or NRCS engineering assistance or private engineering will be utilized. All practices will follow the NRCS Field Office Technical Guide (FOTG).</p> <p>Anticipated federal RCPP funding will require engineering and technical assistance from the local SWCDs, and that is incorporated into this activity budget.</p> <p>Support for a Soil Health Technician and a Nutrient Management Specialist is included in this activity to provide technical assistance to producers in vulnerable DWSMAs and nitrogen-impaired watersheds and townships. They will be housed in the Fillmore SWCD office but will provide support throughout the watershed.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	15-May-18	End Date	
Has Rates and Hours?	Yes		
Actual Results	<p>2018 Expenses \$13,522.30</p> <p>2018 Activities</p> <p>Fillmore SWCD - Soil Health Technician and Nutrient Management Specialist technical assistance to landowners.</p>		

Grant Attachments

Document Name	Document Type	Description
2018 Key Milestones	Progress	Progress Dated - 01/25/2019
2018 Watershed Based Funding	Grant Agreement	2018 Watershed Based Funding - Winona SWCD
2018 Watershed Based Funding executed	Grant Agreement	2018 Watershed Based Funding - Winona SWCD
2018-2020 RR1W1P Key Milestones	Grant	Root River 1W1P 2018-2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/07/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/19/2019
Application	Workflow Generated	Workflow Generated - Application - 03/07/2018

Document Name	Document Type	Description
Billing Rate Report 2018	Progress	Progress Dated - 01/25/2019
Fillmore SWCD Invoice	Progress	Progress Dated - 01/25/2019
RR1W1P 2018-2019 Work Plan and Budget Summary	Grant	Root River 1W1P 2018-2019
Root River 1W1P 2018-2019 Project Map	Grant	Root River 1W1P 2018-2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/30/2018