



Grant Progress Report

Watershed Based Implementation DEC 2023

Grant Title: FY23 RRWP Implementation Funds

Grant ID: C23-3265

Grantee: Rum River Watershed Partnership

Fiscal Agent: Anoka CD

Grant Day-to-Day Contact: Tiffany Determan

Grant Award (\$): \$1,280,048.00

Amended Grant Award (\$):

\$1,280,048.00

Required Match (%): 10

Required Match (\$): \$128,004.80

Grant Execution Date: 01/31/2023

Grant End Date: 12/31/2025

Amended Grant End Date:

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$1,280,048.00	\$542,481.44	\$737,566.56
Match Funds	\$128,004.80	\$88,138.78	\$39,866.02
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$1,408,052.80	\$630,620.22	\$777,432.58

*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?
Forest Practices	Forestry Practices	Local Fund	Match Variety of Sources	\$3,133.00	\$2,333.40	\$799.60	Y
Project Development (Type C Outrrach)	Project Development	Local Fund	SWCD local contribution	\$2,000.00		\$2,000.00	Y
Match-General	Special Projects	Local Fund	Non-state funds	\$0.00	\$19,762.47	(\$19,762.47)	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>
Residential and urban BMPs	Special Projects	Local Fund	Match Variety of Sources	\$80,000.00	\$16,754.91	\$63,245.09	Y
Rural BMP	Special Projects	Local Fund	Match Variety of Sources	\$17,999.70	\$43,714.00	(\$25,714.30)	Y
Technical Assistance & Eng.	Technical/Engineering Assistance	Local Fund	SWCD Contribution	\$12,872.10		\$12,872.10	Y
Administration	Administration/Coordination	Current State Grant	FY23 RRWP Implementation Funds	\$101,133.00	\$98,429.14	\$2,703.86	N
Outreach	Education/Information	Current State Grant	FY23 RRWP Implementation Funds	\$221,219.00	\$104,961.93	\$116,257.07	N
Forest Practices	Forestry Practices	Current State Grant	FY23 RRWP Implementation Funds	\$13,152.00	\$8,333.60	\$4,818.40	N
Groundwater	Groundwater	Current State Grant	FY23 RRWP Implementation Funds	\$30,000.00	\$4,236.00	\$25,764.00	N
Soil Health	Non-Structural Management Practices	Current State Grant	FY23 RRWP Implementation Funds	\$50,000.00	\$28,300.00	\$21,700.00	N
Project Development (Type C Outrrach)	Project Development	Current State Grant	FY23 RRWP Implementation Funds	\$116,225.00	\$57,345.10	\$58,879.90	N
Prioritizing Studies	Special Projects	Current State Grant	FY23 RRWP Implementation Funds	\$66,000.00	\$51,198.67	\$14,801.33	N
Residential and urban BMPs	Special Projects	Current State Grant	FY23 RRWP Implementation Funds	\$132,684.95	\$26,678.26	\$106,006.69	N
Rural BMP	Special Projects	Current State Grant	FY23 RRWP Implementation Funds	\$242,522.78	\$51,252.78	\$191,270.00	N
Technical Assistance & Eng.	Technical/Engineering Assistance	Current State Grant	FY23 RRWP Implementation Funds	\$307,111.27	\$111,745.96	\$195,365.31	N
Groundwater	Groundwater	Landowner Fund	Landowner contribution (40%)	\$12,000.00	\$5,574.00	\$6,426.00	Y

Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	12	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	10	Lbs/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	51.1	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	17.1	Tons/Yr
Water Pollution (Reduction Estimates)	Nitrogen	331.17	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	111.048	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	3146.61	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	7.54	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	3.95	Tons/Yr

Grant Activities

Activity Name: Administration						
Activity Category: Administration/Coordination					Staff time?: Yes	
Description: Funding for local staff time for grant and plan administration.						
Fiscal Agent Lead Anoka CD. Activities may include: Fiscal Tracking, receive and issue payments, ELINK reporting, audit coordination. Est. \$29,673.95						
Coordinator Lead ISWCD. Activities may include: Acting as point of contact, development of WBIF work plan and annual plan of work, coordination of all committee meetings, ensuring progress on work plan. Est. \$29,673.95						
Implementation Tracking: Lead Sherburne SWCD. Activities include development of process to track progress towards plan goals. Est. \$12,717.41						
Communications: Lead Mille Lacs SWCD. Activities may include meeting facilitation, note taking, and website maintenance. Est. \$12,717.41						
Legal: Includes private council to review/develop subcontracts, policies and other matters for JPE. \$7,350						
Insurance: MCIT. Annual fees. \$6,000						
Audit: Annual Audit fees for 2024 \$3,000						
RRCWMP Reference: Pg. 160						
Budget Details						
Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	FY23 RRWP Implementation Funds	\$101,133.00	\$98,429.14	\$2,703.86	12/31/2024	N

Actual Results

2023 - Isanti SWCD watershed coordinator services, Anoka SWCD fiscal agent services, Mille Lacs SWCD communications services, and Sherburne SWCD implementation tracking. The organization has completed its first year of existence with a new JPA, bylaws, financial tracking system, progress toward implementation tracking, new website, and regular board meetings.

Other admin expenses have been insurance and attorney.

Activity Name: Forest Practices

Activity Category: Forestry Practices

Staff time?: No

Description: Funding will be targeted to Tier 1 and Tier 2 waters listed on page 80 and 100 of the CWMP and will be prioritized using the criteria described on page 66 of the CWMP. Initial funding will be targeted to:

Tier 1 Protection Waters: Mille Lacs Lake, Rum River (Princeton-Cambridge) and watershed wide in priority areas for SWP.7

RRCWMP Reference: SWP.11, SWP.13, SWP.38, SWP.7 (For initial priority). Secondly to Table 4.6 and 4.9.

Practices include but are not limited to Private forest management plans and agroforestry/silvopasture.

A committee will establish cost share rates and policies which will be sent to BWSR for review.

Measurable goal is 6 plans and 10 acres of agroforestry/silvopasture. We will calculate pollutant reductions if applicable upon securing contracts.

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>
Local Fund	Match Variety of Sources	\$3,133.00	\$2,333.40	\$799.60	10/21/2024	Y
Current State Grant	FY23 RRWP Implementation Funds	\$13,152.00	\$8,333.60	\$4,818.40	10/21/2024	N

Actual Results
2023 - Aitkin SWCD has completed three forest stewardship plans. 96 acres (N Anderson), 39 acres (Miodus), 76 acres (Larson).
2024 - Five forest stewardship plans completed. 1) Morrison SWCD 492 acres (Schlichting). Aitkin SWCD 59 ac (Pierson), 73 ac (Plagge), 175 ac (K Spading), 52 ac (L Wendlandt), and 40 ac (K Wendlandt).

Activity Name: Groundwater						
Activity Category: Groundwater					Staff time?: No	
Description: Funding to seal up to 20 wells. Priority area is watershed-wide.						
Budget Details						
Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	FY23 RRWP Implementation Funds	\$30,000.00	\$4,236.00	\$25,764.00	12/31/2024	N
Landowner Fund	Landowner contribution (40%)	\$12,000.00	\$5,574.00	\$6,426.00	12/31/2024	Y
Actual Results						
2024 - 3 wells sealed.						

Activity Action Name:	Neil Martin well 1 sealing - Mille Lacs SWCD	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Count
TA Provider/JAA:	Private Consultant	Lifespan: In Perpetuity
Practice Description:	Well sealing	Install Date: 06/18/2024
		Mapped: Yes

Activity Action Name:	Neil Martin well 2 sealing - Mille Lacs SWCD	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Count
TA Provider/JAA:	Private Consultant	Lifespan: In Perpetuity
Practice Description:		Install Date: 06/18/2024
		Mapped: Yes

Activity Action Name:	Refield well sealing - Isanti SWCD	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Count
TA Provider/JAA:	Private Consultant	Lifespan: In Perpetuity
Practice Description:	Well sealed.	Install Date: 09/26/2024
		Mapped: Yes

Activity Action Name:	Neil Martin well 3 sealing - Mille Lacs SWCD	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Count
TA Provider/JAA:	Private Consultant	Lifespan: In Perpetuity
Practice Description:		Install Date: 06/18/2024
		Mapped: Yes

Activity Name: Match-General	
Activity Category: Special Projects	Staff time?: Yes
Description: This a a general match category and it may include staff match towards TE and PD as well at match towards Special Studies such as subwatershed assessments. The match will only be applied if the activity exists in the approved eLink work plan. Appropriate documentation will be collected.	
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>
Local Fund	Non-state funds	\$0.00	\$19,762.47	(\$19,762.47)	12/31/2024	Y
Actual Results						
2023 - No expense.						

Activity Name: Outreach

Activity Category: Education/Information

Staff time?: Yes

Description: Outreach will focus on priorities addressed in the WBIF work plan and those addressed in the annual work plan. Activities include public participation and engagement, materials consistent with the GAM, and other activities necessary for the implementation of water quality practices and programs consistent with the purposes of these funds.

"Type A" Outreach: Strategies to support raising awareness and behavioral change. Lead ACD/ISWCD- shared existing Outreach staff - Primary roles include but not limited to: developing creative, engaging programming and materials that can be distributed to all local staff involved with engagement; creating a catalog of stories sharing personal narratives about projects implemented across the watershed, promoting and hosting informational workshops, seminars, and other activities for the public to encourage behavioral change that accomplishes the plan goals, compile annual reports to assess progress. (pg. 69) 1,560 hours total or 780 hours/year.

"Type B" Outreach: Strategies to support community organizing and community buy-in. Lead MLSWCD. New staff person to b hired: Forestry Coordinator/Direct Outreach coordinator. Primary roles include but not limited to: Implement the Rum River Watershed Landscape Stewardship Plan, build relationships to implement forestry actions, collaborate with planning partnership to identify priorities for each year, work with identified stakeholders to reach others in their networks, refine communications language, and identify practices they are interested in. (pg. 70) 2,500 hrs. or 1,250 per year.

RRCWMP Reference: Pg 69 and 70 and table 4.4

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	FY23 RRWP Implementation Funds	\$221,219.00	\$104,961.93	\$116,257.07	12/31/2024	N

Actual Results

2023 - Anoka and Isanti SWCDs have proceeded with "type A" outreach tasks in the Partnership's outreach plan. Some accomplishments are a wetland restoration fact sheet, soil health event, shoreline buffer workshop, establishing a plan for Adopt-a-Drain, developed a farmer-led group, and more. We've promoted programs including Rum River OHF near river habitat grant and Rum River RIM, and LCCMR tree planting.

Activity Name: Prioritizing Studies

Activity Category: Special Projects

Staff time?: Yes

Description: Funding will be targeted to Tier 1 and Tier 2 waters listed on page 80 and 100 of the CWMP and will be prioritized using the criteria described on page 66 of the CWMP. Prioritizing studies to be completed by existing staff members or qualified consultants. Initial funding will be targeted to:

Tier 1 Protection Waters: Mille Lacs Lake (updated assessment if within PTMapp area done by MLBO) (ASWCD/MLBO), Rum River (Princeton-Cambridge) MDM on one county ditch (ISWCD),

Tier 1 Restoration Waters: Bogus Brook (MLSWCD), -Phase I study to ID priority feedlots, Skogman Lake updated assessment (ISWCD)

RRCWMP Reference: SWP.9, SWP.40, SWR.16, SWR.33 (For initial priority). Secondarily to Table 4.6 and 4.9.

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	FY23 RRWP Implementation Funds	\$66,000.00	\$51,198.67	\$14,801.33	12/31/2024	N

Actual Results

2023 - Completed Skogman Lake subwatershed study update (Isanti SWCD) and Mille Lacs Lake shoreline inventory (Aitkin SWCD). Started Bogus Brook subwatershed study (Mille Lacs SWCD).

2024 - Isanti SWCD completed county ditches 9 and 17 multi-purpose drainage mgmt plans. Aitkin SWCD completed Mille Lacs Lake shoreline prioritizing study.

Activity Name: Project Development (Type C Outrrach)

Activity Category: Project Development

Staff time?: Yes

Description: "Type C" Outreach: Staff who support project development. Existing staff time to provide technical outreach leading to the development of water quality programs and implementation of projects addressed in this work plan. Activity to consist of approximately 50% marketing and 50% technical education.

Focus is wetland restorations, forestry, conservation easements, structural and non-structural BMPs.

Supplemental Funding update: Project development and administration of well sealing program. Develop outreach materials. GWQ.2

RRCWMP Reference: Pg 69 & 70

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>
Local Fund	SWCD local contribution	\$2,000.00		\$2,000.00		Y
Current State Grant	FY23 RRWP Implementation Funds	\$116,225.00	\$57,345.10	\$58,879.90	12/31/2024	N

Actual Results

2023 - Project development for soil health, rural BMPs, and wetland restorations by multiple members of the Rum River Watershed Partnership.

Activity Name: Residential and urban BMPs

Activity Category: Special Projects

Staff time?: No

Description: Funding will be targeted to Tier 1 and Tier 2 waters listed on page 80 and 100 of the CWMP and will be prioritized using the criteria described on page 66 of the CWMP. Initial funding will be targeted to:

Tier 1 Protection Waters: Mille Lacs Lake: 2 BMPs in Wahkon Stormwater Management Plan (MLSWCD)

Tier 1 Restoration Water: Green Lake, Skogman Lake (ISWCD)

RRCWMP Reference: SWP.10, SWR.28, SWR.34 (For initial priority). Secondly to Table 4.6 and 4.9.

Description: provide cost share for implementing structural urban/residential best practices (include but not limited to: rain gardens, vegetated swales, shoreline buffers beyond what is required by law), bank stabilizations, infiltration basins). BWSR approved standards will be followed for all practices installed.

A committee will establish cost share rates and policies which will be sent to BWSR for review.

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>
Local Fund	Match Variety of Sources	\$80,000.00	\$16,754.91	\$63,245.09	10/21/2024	Y
Current State Grant	FY23 RRWP Implementation Funds	\$132,684.95	\$26,678.26	\$106,006.69	10/21/2024	N

Actual Results

2023 - Schultz Blue Lakeshore restoration project (Isanti SWCD).

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	7.54	Lbs/Yr
Sediment (Tss)	3.95	Tons/Yr

Activity Action Name: Shultz Blue Lake Shoreline Resto - Isanti SWCD					Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection					Size/Units: 50 - Linear Feet
TA Provider/JAA: SWCD					Lifespan: 10 Years
Practice Description:					Install Date: 09/09/2023
					Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody	
Phosphorus (Est. Reduction)	Lbs/Yr	0.4	Other	Blue Lake	
Sediment (Tss)	Tons/Yr	0.3	Other	Blue Lake	

Activity Action Name: Robarge Blue Lakeshore stabilization - Isanti SWCD					Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection					Size/Units: 150 - Linear Feet
TA Provider/JAA: SWCD					Lifespan: 10 Years
Practice Description: Shoreline hillside stabilization.					Install Date: 07/19/2024
					Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody	
Sediment (Tss)	Tons/Yr	0.68	Other	Blue Lake	
Phosphorus (Est. Reduction)	Lbs/Yr	0.92	Other	Blue Lake	

Activity Action Name: Dixon Blue Lakeshore stabilization - Isanti SWCD				Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection				Size/Units: 30 - Linear Feet
TA Provider/JAA: SWCD				Lifespan: 10 Years
Practice Description: Lakeshore stabilization				Install Date: 08/03/2024
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	0.35	Other	Blue Lake
Sediment (Tss)	Tons/Yr	0.26	Other	Blue Lake

Activity Action Name: Olson Blue Lakeshore stabilization - Isanti SWCD				Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection				Size/Units: 70 - Linear Feet
TA Provider/JAA: SWCD				Lifespan: 10 Years
Practice Description: Lakeshore stabilization				Install Date: 07/26/2024
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.62	Other	Blue Lake
Phosphorus (Est. Reduction)	Lbs/Yr	0.77	Other	Blue Lake

Activity Action Name: Young Blue Lakeshore stabilization - Isanti SWCD					Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection					Size/Units: 60 - Linear Feet
TA Provider/JAA: SWCD					Lifespan: 10 Years
Practice Description: Lakeshore stabilization					Install Date: 09/11/2024
					Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody	
Phosphorus (Est. Reduction)	Lbs/Yr	1.24	Other	Blue Lake	
Sediment (Tss)	Tons/Yr	0.55	Other	Blue Lake	

Activity Action Name: Chilson Green Lake rain garden - Isanti SWCD					Activity Count: 1
Practice Type: 712M - Bioretention Basin					Size/Units: 358 - Square Feet
TA Provider/JAA: SWCD					Lifespan: 10 Years
Practice Description: Rain garden					Install Date: 08/30/2024
					Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody	
Sediment (Tss)	Tons/Yr	0.16	Winslamm	Green Lake	
Phosphorus (Est. Reduction)	Lbs/Yr	2.12	Winslamm	Green Lake	

Activity Action Name: Johnson Blue Lakeshore stabilization - Isanti SWCD					Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection					Size/Units: 150 - Linear Feet
TA Provider/JAA: SWCD					Lifespan: 10 Years
Practice Description: Lakeshore stabilization					Install Date: 07/19/2024
					Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody	
Sediment (Tss)	Tons/Yr	0.68	Other	Blue Lake	
Phosphorus (Est. Reduction)	Lbs/Yr	0.92	Other	Blue Lake	

Activity Action Name: Fredell Blue Lake Shoreline Resto - Isanti SWCD					Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection					Size/Units: 75 - Linear Feet
TA Provider/JAA: SWCD					Lifespan: 10 Years
Practice Description: 75' shore protection, 550 sq ft buffer, & 70' slope stabilization at Blue Lake, Isanti Co. 28064 Yak Drive.					Install Date: 05/05/2024
					Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody	
Sediment (Tss)	Tons/Yr	0.7	Bwsr Calc (Stream & Ditch Stabilization)	Blue Lake	
Phosphorus (Est. Reduction)	Lbs/Yr	0.82	Bwsr Calc (Stream & Ditch Stabilization)	Blue Lake	

Activity Name: Rural BMP

Activity Category: Special Projects

Staff time?: No

Description: Funding will be targeted to Tier 1 and Tier 2 waters listed on page 80 and 100 of the CWMP and will be prioritized using the criteria described on page 66 of the CWMP. Initial funding will be targeted to:

Tier 1 Protection Waters: Blue Lake (ISWCD, SSWCD), Mille Lakes Lake (ASWCD)

Tier 1 Restoration Waters: Green Lake, South Stanchfield (ISWCD)

RRCWMP Reference: SWP.36, SWP.12, SWR.21, SWR.29 (For initial priority). Secondly to Table 4.6 and 4.9.

Description: provide cost share for implementing structural rural best practices (include but not limited to: ditch buffers (beyond what is required by law), filter strips, Alternative Side Intakes, water and sediment control basins, grassed waterways, grade stabilization practices, livestock exclusions, feedlot improvements (eligible activities per WBIF Policy) & wetland restorations (eligible activities per WBIF Policy). BWSR approved standards will be followed for all practices installed.

A committee will establish cost share rates and policies which will be sent to BWSR for review.

Measurable goals also include 10,560 linear feet of enhanced buffers/buffers on private ditches.

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	FY23 RRWP Implementation Funds	\$242,522.78	\$51,252.78	\$191,270.00	12/31/2024	N
Local Fund	Match Variety of Sources	\$17,999.70	\$43,714.00	(\$25,714.30)	04/15/2024	Y

Actual Results

2023 - Cartwright wetland restoration project (Isanti SWCD) is ready for construction. The only expense paid so far was permitting.

2024 - Isanti SWCD Cartwright wetland restoration. 1.7 ac. 51.1 lb/yr TP and 17.1 T/yr TSS removals.

Final Indicators		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	51.1	Lbs/Yr
Sediment (Tss)	17.1	Tons/Yr

Activity Action Name: Cartwright Wetland Restoration				Activity Count: 1
Practice Type: 350 - Sediment Basin				Size/Units: 1 - Count
TA Provider/JAA: Private Consultant				Lifespan: 10 Years
Practice Description: Isanti SWCD. Cartwright wetland restoration. 1.7 ac.				Install Date: 02/26/2024
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	51.1	HSPF SAM - 10 Digit HUC	Green Lake
Sediment (Tss)	Tons/Yr	17.1	HSPF SAM - 10 Digit HUC	Green Lake

Activity Name: Soil Health

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: Funding will be targeted to Tier 1 and Tier 2 waters listed on page 80 and 100 of the CWMP and will be prioritized using the criteria described on page 66 of the CWMP. Initial funding will be targeted to:

Tier 1 Protection Waters: Rum River (Princeton-Cambridge & St. Francis), Blue Lake

Tier 1 Restoration Waters: Green and South Stanchfield Lakes

Flat-rate cost share incentives will be provided to implement non-structural agricultural best management practices (include but not limited to: tillage and residue management, cover crops, and conversion to perennial crops).

NRCS or other BWSR approved standards will be followed for all practices installed.

A committee will establish cost share rates and policies which will be sent to BWSR for review.

RRCWMP reference: SWP.3 & SWR.6

Measurable goal is a minimum of 175 acres. The pollutant reduction will be calculated upon securing contracts.

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	FY23 RRWP Implementation Funds	\$50,000.00	\$28,300.00	\$21,700.00	12/31/2024	N

Actual Results

2023 - Nyberg soil health project 95 ac with 1 yr contract (Benton SWCD). James Holz soil health project 45 ac with 3 yr contract (Isanti SWCD). Darwin Smith soil health project 30 ac with 3 yr contract (Isanti SWCD).

Final Indicators		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Nitrogen	331.17	Lbs/Yr
Phosphorus (Est. Reduction)	111.048	Lbs/Yr
Sediment (Tss)	3146.61	Tons/Yr

Activity Action Name: Darwin Smith Cover Crop - Isanti SWCD				Activity Count: 1
Practice Type: 340 - Cover Crop				Size/Units: 30 - Acres
TA Provider/JAA: SWCD				Lifespan: 3 Years
Practice Description:				Install Date: 10/05/2023
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	11.03	Rusle2 (Updated)	Rum River
Sediment (Tss)	Tons/Yr	5.94	Rusle2 (Updated)	Rum River

Activity Action Name: James Holz cover crop - Isanti SWCD				Activity Count: 1
Practice Type: 340 - Cover Crop				Size/Units: 45 - Acres
TA Provider/JAA: SWCD				Lifespan: 3 Years
Practice Description:				Install Date: 09/28/2023
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	28.24	Rusle2 (Updated)	Rum River
Sediment (Tss)	Tons/Yr	17.36	Rusle2 (Updated)	Rum River

Activity Action Name:	Ryberg cover crop - Benton SWCD	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 95.92 - Acres
TA Provider/JAA:	NRCS	Lifespan: 1 Year
Practice Description:		Install Date: 11/16/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	18.75	Other	West Branch Rum River
Nitrogen	Lbs/Yr	248	Other	West Branch Rum River
Sediment (Tss)	Tons/Yr	7.3	Other	West Branch Rum River

Activity Action Name:	Foster cover crop - Isanti SWCD	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 361 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	Cover crop - 3 yr contract	Install Date: 09/12/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	24.48	Other	Green Lake
Phosphorus (Est. Reduction)	Lbs/Yr	36.6	Other	Green Lake

Activity Action Name: Braun cover crop - Sherburne SWCD				Activity Count: 1
Practice Type: 340 - Cover Crop				Size/Units: 49 - Acres
TA Provider/JAA: SWCD				Lifespan: 1 Year
Practice Description: 3 species cover crop. 49 ac. 1 yr (2024).				Install Date: 11/06/2024
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	11.2	Other	Rum River
Sediment (Tss)	Tons/Yr	4.53	Other	Rum River

Activity Action Name: Britz cover crop - Benton SWCD				Activity Count: 1
Practice Type: 340 - Cover Crop				Size/Units: 52.2 - Acres
TA Provider/JAA: TSA				Lifespan: 1 Year
Practice Description: 52.2 ac cover crop in 2024				Install Date: 10/12/2024
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	3087	Other	Rum River
Nitrogen	Lbs/Yr	83.17	Other	Rum River
Phosphorus (Est. Reduction)	Lbs/Yr	5.228	Other	Rum River

Activity Name: Technical Assistance & Eng.

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Activity will include technical site assessment, surveys, preliminary analysis and design, final design, construction supervision, installation, inspection, and completion of projects. Funds may be used pay local SWCD (with appropriate JAA) or to contract with a third-party consultant or LGU engineer for technical/engineering assistance.

Projects will be designed according to the following technical standards: USDA Field Office Technical Guide, MPCA Stormwater Manual, MN Urban Small sites BMP manual, and applicable local, state and federal regulations. Design standards for all practices will include specifications for operation and maintenance for the effective life of the practices, including an inspection schedule and procedure.

Supplemental funding update: Hire 1 FTE to implement portions of the Rum River Comprehensive Watershed Management Plan (CWMP) and/or Landscape Stewardship Plan (LSP) by connecting with 50 landowners for land protection or enhancement programs including Forest Stewardship planning, conservation easements, wetland restoration/banking, or others. Implementation areas, in priority order, will be (a) parcels in proximity to those identified in the interim prioritization on pages 132-133 of the CWMP and any subsequent prioritization, (b) those with highest RAQ scores in the LSP or subsequent analyses, and (c) any other location in the watershed. Emphasis will be on the Mille Lacs and Isanti County areas. We are targeting a minimum of 5 completed or in-progress conservation easements and 5 enhancement or management plans Forest Stewardship Plans (contracted or completed by FTE). RAQ scoring or similar GIS analysis, Forest Stewardship Plans, and legal work may be completed by a contractor.

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>
Local Fund	SWCD Contribution	\$12,872.10		\$12,872.10		Y
Current State Grant	FY23 RRWP Implementation Funds	\$307,111.27	\$111,745.96	\$195,365.31	12/31/2024	N

Actual Results

2023 - Skogman & Blue Lakes site selection & project type analyses (Isanti SWCD). Green Lake Cartwright project wetland construction engineering, bidding, contracts (Isanti SWCD). Schafer rural BMP (Benton SWCD). Rodriguez gully stabilization (Mille Lacs SWCD). An anticipated stormwater BMP in the City of Wahkon was advanced, but subsequently cancelled by the city.