



# Grant Progress Report

## Watershed Based Implementation MAR 2023

**Grant Title:** Lower MN River West WBIF

**Grant ID:** C23-0002

**Grantee:** Sibley SWCD

**Fiscal Agent:** Sibley SWCD

**Grant Day-to-Day Contact:** Joel Wurscher

**Grant Award (\$):** \$821,617.00

**Amended Grant Award (\$):**

\$821,617.00

**Required Match (%):** 10

**Required Match (\$):** \$82,161.70

**Grant Execution Date:** 05/15/2023

**Grant End Date:** 12/31/2025

**Amended Grant End Date:**

	Total Budgeted	Total Spent	Balance Remaining*
<b>Grant Funds</b>	\$821,617.00	<b>\$771,491.77</b>	\$50,125.23
<b>Match Funds</b>	\$82,161.70	<b>\$149,174.51</b>	(\$67,012.81)
<b>Other Funds</b>	\$3,400.40	<b>\$3,400.40</b>	\$0.00
<b>Total</b>	\$907,179.10	<b>\$924,066.68</b>	(\$16,887.58)

\*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?
Structural and Non-Structural Practices	Agricultural Practices	Local Fund	Landowner Match towards BMPs	\$37,161.70	\$10,854.51	\$26,307.19	Y
Administration/Coordination	Administration/Coordination	Current State Grant	Lower MN River West WBIF	\$60,000.00	\$60,000.00	\$0.00	N
Sylvia Reinhardt - FY23	Agricultural Practices	Other Funds	2023 - State Cost-Share Fund (Sibley	\$3,400.40	\$3,400.40	\$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>
WBIF-18, FY23-5			SWCD)				
Sylvia Reinhardt - FY23 WBIF-18, FY23-5	Agricultural Practices	Current State Grant	Lower MN River West WBIF	\$18,295.89	\$18,295.89	\$0.00	N
Structural and Non- Structural Practices	Agricultural Practices	Current State Grant	Lower MN River West WBIF	\$543,321.11	\$509,564.87	\$33,756.24	N
Education/Outreach	Education/Information	Current State Grant	Lower MN River West WBIF	\$100,000.00	\$98,772.37	\$1,227.63	N
Technical Assistance/Engineering	Technical/Engineering Assistance	Current State Grant	Lower MN River West WBIF	\$100,000.00	\$84,858.64	\$15,141.36	N
Structural and Non- Structural Practices	Agricultural Practices	Federal Funds	Match from EQIP towards BMPs	\$45,000.00	\$138,320.00	(\$93,320.00)	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)	3754	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	140965	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	655	Tons/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Nitrogen	41534.75	Lbs/Yr
Water Pollution (Reduction Estimates)	Nutrients (Nitrate)	15095.94	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	1222.3175	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	253.1259	Tons/Yr
Water Pollution (Reduction Estimates)	Nitrogen	676.4	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	15.735	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	1.2104	Tons/Yr

## Grant Activities

### Activity Name: Administration/Coordination

Activity Category: Administration/Coordination

Staff time?: Yes

**Description:** Time spent by the District Manager and Water Resources Coordinator towards the leading at the day to day contact as well as acting as the fiscal agent. Time will be spent administering the grant, drafting budgets, workplans, working as a liaison with legal counsel, reporting utilizing eLINK, and organizing meetings of the Policy Advisory Committee (PAC), Technical Advisory Committee (TAC), and the Local Implementation Work Group (LIWG).

District Manager - \$30,000 or 422 hrs

Water Resources Coordinator - \$30,000 or 642 hrs

#### 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	Lower MN River West WBIF	\$60,000.00	\$60,000.00	\$0.00	12/31/2024	N

#### Actual Results

Time spent working on Coordination of WBIF during 2023 by the Water Resources Coordinator (227.75 hours @ \$46.80/hour).

Time spent administering the WBIF grant during 2023 by the District Manager (94 hours @ \$71.09/hour).

Time spent working on Coordination of WBIF during 2024 by the Water Resources Coordinator (405.75 hours @ \$54.28/hour).

Time spent administering the WBIF grant during 2024 by the District Manager (260.25 hours @ \$79.33/hour).

## Activity Name: Education/Outreach

**Activity Category:** Education/Information

**Staff time?:** Yes

**Description:** Time spent by the Sibley SWCD Water Resources Coordinator and the Conservation Technician on education and outreach items that include but are not limited to; developing a template of educational materials and branding with consistent messaging between partners, civic engagement, initial landowner contact towards project development, conservation marketing, hosting outreach events/workshops, and utilizing the available resources to get the message out regarding goals and implementation items listed in the plan.

Conservation Technician - \$60,000 or 1,789 hrs

Water Resources Coordinator - \$10,000 or 214 hrs

### 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	Lower MN River West WBIF	\$100,000.00	\$98,772.37	\$1,227.63	01/07/2025	N

Purchased an additional 3 rolls of stamps for postage on direct mailings promoting our WBIF cover crop incentive program. (\$198.00)

Time spent working on Education and Outreach of WBIF during 2023 by the Conservation Technician (526.75 hours @ \$40.04/hour).

Purchased 3 rolls of stamps for postage on direct mailings promoting our WBIF cover crop incentive program. (\$189.00)

Purchased 50 books from Extension to hand out along with our material when promoting cover crops to folks at field days, fairs, and on-farm visits. (\$290.85)

Purchased an annual Subscription for Arc GIS Online Creator to make and maintain and interactive WBIF map for the public and staff to use, hosted on the Sibley SWCD website. (\$550.00)

Purchased more credits towards Arc GIS Online Creator to add layers to the interactive WBIF map for the public and staff to use. (\$120.00)

Purchased (\$99.00) a logo package for the Watershed Partnership for branding and outreach purposes.

Time spent working on Education and Outreach of WBIF during 2023 by the Water Resources Coordinator (34.25 hours @ \$46.80/hour).

Rental of the Lafayette Community Center for a Soil Health Event (\$100.00).

Purchased 100 postcards (\$33.00) for promoting a soil health event.
Stamps for postcards to promote the Soil Health Event in Lafayette - \$61.20.
(\$442.00) Ad in the New Ulm Journal promoting the Soil Health event in Lafayette.
Time spent working on Education and Outreach of WBIF during 2024 by the Conservation Technician (1,424.5 hours @ \$44.19/hour).
Time spent working on Education and Outreach of WBIF during 2024 by the Water Resources Coordinator (138.25 hours @ \$54.28/hour).
Purchased 2 watershed logo tablecloths with tablecloth clamps for outreach events (\$513.19).
\$180.00 - Rental of the Arlington Community Center for an Alternative Tillage event.
Postage - 280 postcard stamps (\$148.40) for promoting an alternative tillage event.
(\$641.25) Dave's Place - Catering the Soil Health Event held in Lafayette.
Blimpies Catered Lunch (\$314.16) - Alternative Tillage Event (Arlington)
Aldi (\$120.60) - Food, beverage, and supplies for the Alternative Tillage Event held in Arlington.
Purchased another 50 books from Purdue Extension to hand out along with our material when promoting cover crops to folks at field days, fairs, and on-farm visits. (\$290.85)
Renewal of the annual Subscription for Arc GIS Online Creator to make and maintain and interactive WBIF map for the public and staff to use, hosted on the Sibley SWCD website. (\$550.00)
500 pens used for promotional outreach at events and county fairs. (\$527.03)
100 Postcards for promotion of a Soil Health Panel event. (\$34.00)
250 Additional postcards for promotion of a Soil Health Panel event. (\$55.00)
300 Postcard stamps for postage towards the Soil Health panel event. (\$168.00)

## Activity Name: Structural and Non-Structural Practices

**Activity Category:** Agricultural Practices

**Staff time?:** Yes

**Description:** This activity encompasses both structure and non-structural practice implementation from the Lower MN River West Comprehensive Watershed Management Plan.

Structural practices will include but are not limited to; drainage water management (DWM), terraces, water and sediment control basins (WASCOBs), grade stabilization structures, grassed waterways, denitrifying bioreactor, open intake alternative, side inlet structure, and streambank stabilization.

Non-structural practices will include but are not limited to; cover crops, conservation cover, conservation crop rotation, no-till/strip-till, and pre-construction cover.

Cost share rates will follow the local policy, the BWSR GAM, and the BWSR WBIF policy.

See table 5-4 (pg. 113) of the Lower MN River West CWMP for more details of the planned implementation activities.

### 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>
Federal Funds	Match from EQIP towards BMPs	\$45,000.00	\$138,320.00	(\$93,320.00)	01/15/2025	Y
Current State Grant	Lower MN River West WBIF	\$543,321.11	\$509,564.87	\$33,756.24	01/15/2025	N
Local Fund	Landowner Match towards BMPs	\$37,161.70	\$10,854.51	\$26,307.19	11/13/2024	Y

## Actual Results

Judy Hoff - FY23 WBIF-16 (\$13,847.07). Installed 2 water and sediment control basins (P.S. 638). Landowner match towards the projects came to \$1,538.56.

Darwin Gieseke - FY23 WBIF-8 (\$20,834.00). Installed 2 water and sediment control basins (P.S. 638). Federal match towards the projects came to \$16,777.00.

Total landowner match towards 4 WASCObS, 1 terrace = \$5,049.31.

Total Federal match using EQIP towards 5 WASCObS = \$41,911.00

Dave Evans - FY23 WBIF-7 (\$14,850.45). Installed 2 water and sediment control basins (P.S. 638). Landowner match towards the projects came to \$1,650.05.

Jim Carlson - FY23 WBIF-15 (\$13,983.30). Installed a terrace (P.S. 600). Landowner match towards the projects came to \$1,860.70.

(FY23 WBIF-11) Troy Grosam - 3 Years of multi-species cover crop on 77.49 acres per year (232.47 acres total).

(FY23 WBIF-12) Keith Hartmann - 3 Years of multi-species cover crop on 496.4 acres per year (1,489.2 acres total).

(FY23 WBIF-9) Eric Annexstad - 3 Years of single species cover crop on 70 acres per year (210 acres total).

(FY23 WBIF-6) Thomas Henke - 2 Years of single species cover crop on 80 acres per year (160 acres total).

(FY23 WBIF-1) Travis Dahlke - 1 Year multi-species cover crop on 154.18 acres.

(FY23 WBIF-2) Chris Beranek - 1 Year single species cover crop on 32 acres.

(FY23 WBIF-5) Richard Kramer - 1 Year single species cover crop on 160 acres.

(FY23 WBIF-3) Dann Forsberg - 1 Year multi-species cover crop on 77.0 acres.

(FY23 WBIF-4) Gerald Lorentz - 1 Year single species cover crop on 91.71 acres.

Jeff Gieseke - FY23 WBIF-14 (\$29,759.85). Installed 3 water and sediment control basins (P.S. 638). Federal match towards the projects came to \$25,134.00.

(FY23 WBIF-13) Keith Hartmann - 3 Years of P.S.329 on 496.4 acres per year (1,489.2 acres total) = \$44,676.00

High Island Creek Watershed District - FY23 WBIF-22 (\$52,246.80). Installed a water and sediment control basin (P.S. 638). Landowner match towards the projects came to \$5,805.20.

(FY23 WBIF-20) Harry Slood - 1 Year single species cover crop on 40 acres.

(FY23 WBIF-21) Hytest Ag. LLC - 3 Years of multi-species cover crop on 450 acres per year (1,350 acres total).

(FY23 WBIF-17) Travis Dahlke - 3 Years of multi-species cover crop on 237 acres per year (711 acres total).

(FY23 WBIF-10) Paul Gohlke - Installed 2 grade stabilization structures and a grassed waterway. Federal match towards the projects came to \$53,945.



<b>Final Indicators</b>		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	253.1259	Tons/Yr
Phosphorus (Est. Reduction)	1222.3175	Lbs/Yr
Nitrogen	41534.75	Lbs/Yr
Nutrients (Nitrate)	15095.94	Lbs/Yr

Activity Action Name: FY23 WBIF-17	Activity Count: 10
Practice Type: 340 - Cover Crop	Size/Units: 237 - Acres
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description: Year 1 of a 3 year contract	Install Date: 09/17/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	18.723	HSPF SAM - 10 Digit HUC	Bevens Creek
Nutrients (Nitrate)	Lbs/Yr	805.8	HSPF SAM - 10 Digit HUC	Bevens Creek
Sediment (Tss)	Tons/Yr	6.873	HSPF SAM - 10 Digit HUC	Bevens Creek

Activity Action Name: FY23 WBIF-17	Activity Count: 10
Practice Type: 340 - Cover Crop	Size/Units: 237 - Acres
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description: Year 2 of a 3 year contract	Install Date: 09/30/2025
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	805.8	HSPF SAM - 10 Digit HUC	Bevens Creek
Sediment (Tss)	Tons/Yr	6.873	HSPF SAM - 10 Digit HUC	Bevens Creek
Phosphorus (Est. Reduction)	Lbs/Yr	18.723	HSPF SAM - 10 Digit HUC	Bevens Creek

Activity Action Name: FY23 WBIF-17	Activity Count: 10
Practice Type: 340 - Cover Crop	Size/Units: 237 - Acres
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description: Year 3 of a 3 year contract	Install Date: 09/30/2026
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	6.873	HSPF SAM - 10 Digit HUC	Bevens Creek
Nutrients (Nitrate)	Lbs/Yr	805.8	HSPF SAM - 10 Digit HUC	Bevens Creek
Phosphorus (Est. Reduction)	Lbs/Yr	18.723	HSPF SAM - 10 Digit HUC	Bevens Creek

Activity Action Name: FY23 WBIF-20	Activity Count: 1
Practice Type: 340 - Cover Crop	Size/Units: 40 - Acres
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description:	Install Date: 08/31/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	3.48	HSPF SAM - 10 Digit HUC	South Branch - Rush River
Sediment (Tss)	Tons/Yr	1.04	HSPF SAM - 10 Digit HUC	South Branch - Rush River
Nutrients (Nitrate)	Lbs/Yr	144	HSPF SAM - 10 Digit HUC	South Branch - Rush River

Activity Action Name:	FY23 WBIF-21	Activity Count: 8
Practice Type:	340 - Cover Crop	Size/Units: 450 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	1st year of a 3 year contract	Install Date: 10/31/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	35.55	HSPF SAM - 10 Digit HUC	Bevens Creek
Sediment (Tss)	Tons/Yr	13.05	HSPF SAM - 10 Digit HUC	Bevens Creek
Nutrients (Nitrate)	Lbs/Yr	1530	HSPF SAM - 10 Digit HUC	Bevens Creek

Activity Action Name:	FY23 WBIF-21	Activity Count: 8
Practice Type:	340 - Cover Crop	Size/Units: 450 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 2 of a 3 year contract	Install Date: 10/31/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	35.55	HSPF SAM - 10 Digit HUC	Bevens Creek
Nutrients (Nitrate)	Lbs/Yr	1530	HSPF SAM - 10 Digit HUC	Bevens Creek
Sediment (Tss)	Tons/Yr	13.05	HSPF SAM - 10 Digit HUC	Bevens Creek

Activity Action Name: FY23 WBIF-21	Activity Count: 8
Practice Type: 340 - Cover Crop	Size/Units: 450 - Acres
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description: Year 3 of a 3 year contract	Install Date: 10/30/2026
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	13.05	HSPF SAM - 10 Digit HUC	Bevens Creek
Nitrogen	Lbs/Yr	1530	HSPF SAM - 10 Digit HUC	Bevens Creek
Phosphorus (Est. Reduction)	Lbs/Yr	35.55	HSPF SAM - 10 Digit HUC	Bevens Creek

Activity Action Name: FY23 WBIF-22	Activity Count: 1
Practice Type: 638 - Water and Sediment Control Basin	Size/Units: 1 - Count
TA Provider/JAA: Private Consultant	Lifespan: 10 Years
Practice Description:	Install Date: 10/16/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	615.55	HSPF SAM - 10 Digit HUC	High Island Creek
Nitrogen	Lbs/Yr	30374	HSPF SAM - 10 Digit HUC	High Island Creek
Sediment (Tss)	Tons/Yr	86.016	HSPF SAM - 10 Digit HUC	High Island Creek

Activity Action Name:	FY23 WBIF-10	Activity Count: 2
Practice Type:	410 - Grade Stabilization Structure	Size/Units: 2 - Count
TA Provider/JAA:	TSA	Lifespan: 15 Years
Practice Description:		Install Date: 10/30/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	7.152	HSPF SAM - 10 Digit HUC	Direct Flow - MN River
Nitrogen	Lbs/Yr	2525.6	HSPF SAM - 10 Digit HUC	Direct Flow - MN River
Phosphorus (Est. Reduction)	Lbs/Yr	51.182	HSPF SAM - 10 Digit HUC	Direct Flow - MN River

Activity Action Name:	FY23 WBIF-16	Activity Count: 2
Practice Type:	638 - Water and Sediment Control Basin	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Installation of 2 WASCObS.	Install Date: 11/10/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.1504	HSPF SAM - 10 Digit HUC	MN River Direct Flows
Nitrogen	Lbs/Yr	53.11	HSPF SAM - 10 Digit HUC	MN River Direct Flows
Phosphorus (Est. Reduction)	Lbs/Yr	1.0763	HSPF SAM - 10 Digit HUC	MN River Direct Flows

Activity Action Name: FY23 WBIF-7	Activity Count: 2
Practice Type: 638 - Water and Sediment Control Basin	Size/Units: 2 - Count
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date: 11/27/2023
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.1666	HSPF SAM - 10 Digit HUC	Middle Branch Rush River
Phosphorus (Est. Reduction)	Lbs/Yr	2.1658	HSPF SAM - 10 Digit HUC	Middle Branch Rush River
Nitrogen	Lbs/Yr	93.1	HSPF SAM - 10 Digit HUC	Middle Branch Rush River

Activity Action Name: FY23 WBIF-8	Activity Count: 2
Practice Type: 638 - Water and Sediment Control Basin	Size/Units: 2 - Count
TA Provider/JAA: TSA	Lifespan: 10 Years
Practice Description:	Install Date: 12/09/2023
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	2.9184	HSPF SAM - 10 Digit HUC	South Branch Rush River
Nitrogen	Lbs/Yr	120.84	HSPF SAM - 10 Digit HUC	South Branch Rush River
Sediment (Tss)	Tons/Yr	0.3876	HSPF SAM - 10 Digit HUC	South Branch Rush River

Activity Action Name: FY23 WBIF-15	Activity Count: 1
Practice Type: 600 - Terrace	Size/Units:
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date: 11/22/2023
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.112	HSPF SAM - 10 Digit HUC	High Island Creek
Phosphorus (Est. Reduction)	Lbs/Yr	0.8015	HSPF SAM - 10 Digit HUC	High Island Creek
Nutrients (Nitrate)	Lbs/Yr	39.55	HSPF SAM - 10 Digit HUC	High Island Creek

Activity Action Name: FY23 WBIF-13	Activity Count: 5
Practice Type: 329 - Residue & Tillage Management (no/strip-till)	Size/Units: 496.4 - Acres
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description: Year 2 of a 3 year contract	Install Date: 06/09/2025
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	2134.5	HSPF SAM - 10 Digit HUC	Lower MN River - West
Sediment (Tss)	Tons/Yr	9.4316	HSPF SAM - 10 Digit HUC	Lower MN River - West
Phosphorus (Est. Reduction)	Lbs/Yr	50.136	HSPF SAM - 10 Digit HUC	Lower MN River - West

Activity Action Name:	FY23 WBIF-13	Activity Count: 5
Practice Type:	329 - Residue & Tillage Management (no/strip-till)	Size/Units: 496.4 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 1 of a 3 year contract	Install Date: 06/11/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	2134.5	HSPF SAM - 10 Digit HUC	Lower MN River - West
Phosphorus (Est. Reduction)	Lbs/Yr	50.136	HSPF SAM - 10 Digit HUC	Lower MN River - West
Sediment (Tss)	Tons/Yr	9.4316	HSPF SAM - 10 Digit HUC	Lower MN River - West

Activity Action Name:	FY23 WBIF-13	Activity Count: 5
Practice Type:	329 - Residue & Tillage Management (no/strip-till)	Size/Units: 496.4 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 3 of a 3 year contract	Install Date: 06/08/2026
		Mapped: Yes



Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	2134.5	HSPF SAM - 10 Digit HUC	Lower MN River - West
Phosphorus (Est. Reduction)	Lbs/Yr	50.136	HSPF SAM - 10 Digit HUC	Lower MN River - West
Sediment (Tss)	Tons/Yr	9.4316	HSPF SAM - 10 Digit HUC	Lower MN River - West

Activity Action Name: FY23WBIF-1	Activity Count: 8
Practice Type: 340 - Cover Crop	Size/Units: 154.18 - Acres
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description:	Install Date: 09/11/2023
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	12.18	HSPF SAM - 10 Digit HUC	Bevens/Silver Creek
Nutrients (Nitrate)	Lbs/Yr	524.21	HSPF SAM - 10 Digit HUC	Bevens/Silver Creek
Sediment (Tss)	Tons/Yr	4.4712	HSPF SAM - 10 Digit HUC	Bevens/Silver Creek

Activity Action Name: FY23 WBIF-14	Activity Count: 3
Practice Type: 638 - Water and Sediment Control Basin	Size/Units:
TA Provider/JAA: TSA	Lifespan: 10 Years
Practice Description:	Install Date: 03/12/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	10.496	HSPF SAM - 10 Digit HUC	South Branch - Rush River
Sediment (Tss)	Tons/Yr	1.394	HSPF SAM - 10 Digit HUC	South Branch - Rush River
Nitrogen	Lbs/Yr	434.6	HSPF SAM - 10 Digit HUC	South Branch - Rush River

Activity Action Name: FY23 WBIF-2	Activity Count: 1
Practice Type: 340 - Cover Crop	Size/Units: 32 - Acres
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description:	Install Date: 08/30/2023
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	2.784	HSPF SAM - 10 Digit HUC	South Branch Rush River
Nutrients (Nitrate)	Lbs/Yr	115.2	HSPF SAM - 10 Digit HUC	South Branch Rush River
Sediment (Tss)	Tons/Yr	0.832	HSPF SAM - 10 Digit HUC	South Branch Rush River

Activity Action Name: FY23 WBIF-3	Activity Count: 1
Practice Type: 340 - Cover Crop	Size/Units: 77 - Acres
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description:	Install Date: 08/25/2023
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	2.002	HSPF SAM - 10 Digit HUC	South Branch Rush River
Nutrients (Nitrate)	Lbs/Yr	277.2	HSPF SAM - 10 Digit HUC	South Branch Rush River
Phosphorus (Est. Reduction)	Lbs/Yr	6.699	HSPF SAM - 10 Digit HUC	South Branch Rush River

Activity Action Name:	FY23 WBIF-4	Activity Count:	1
Practice Type:	340 - Cover Crop	Size/Units:	91.71 - Acres
TA Provider/JAA:	SWCD	Lifespan:	1 Year
Practice Description:		Install Date:	09/01/2023
		Mapped:	Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	7.0617	HSPF SAM - 10 Digit HUC	High Island Creek
Nutrients (Nitrate)	Lbs/Yr	348.5	HSPF SAM - 10 Digit HUC	High Island Creek
Sediment (Tss)	Tons/Yr	2.4762	HSPF SAM - 10 Digit HUC	High Island Creek

Activity Action Name:	FY23 WBIF-12	Activity Count:	8
Practice Type:	340 - Cover Crop	Size/Units:	496.4 - Acres
TA Provider/JAA:	SWCD	Lifespan:	1 Year
Practice Description:	Year 1 of a 3 year Contract	Install Date:	10/26/2023
		Mapped:	Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	43.187	HSPF SAM - 10 Digit HUC	South Branch Rush River
Nutrients (Nitrate)	Lbs/Yr	1787	HSPF SAM - 10 Digit HUC	South Branch Rush River
Sediment (Tss)	Tons/Yr	12.906	HSPF SAM - 10 Digit HUC	South Branch Rush River

Activity Action Name:	FY23 WBIF-6	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 80 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 1 of a 2 year Contract	Install Date: 09/19/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	6.16	HSPF SAM - 10 Digit HUC	High Island Creek
Nutrients (Nitrate)	Lbs/Yr	304	HSPF SAM - 10 Digit HUC	High Island Creek
Sediment (Tss)	Tons/Yr	2.16	HSPF SAM - 10 Digit HUC	High Island Creek

Activity Action Name:	FY23 WBIF-9	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 70 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 1 of a 3 year Contract	Install Date: 09/28/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	1.82	HSPF SAM - 10 Digit HUC	South Branch Rush River
Phosphorus (Est. Reduction)	Lbs/Yr	6.09	HSPF SAM - 10 Digit HUC	South Branch Rush River
Nutrients (Nitrate)	Lbs/Yr	252	HSPF SAM - 10 Digit HUC	South Branch Rush River

Activity Action Name:	FY23 WBIF-9	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 70 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 2 of a 3 year contract.	Install Date: 09/13/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	6.09	HSPF SAM - 10 Digit HUC	South Branch Rush River
Sediment (Tss)	Tons/Yr	1.82	HSPF SAM - 10 Digit HUC	South Branch Rush River
Nutrients (Nitrate)	Lbs/Yr	252	HSPF SAM - 10 Digit HUC	South Branch Rush River

Activity Action Name:	FY23 WBIF-9	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 70 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 3 of a 3 year contract.	Install Date: 09/12/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	1.82	HSPF SAM - 10 Digit HUC	South Branch Rush River
Phosphorus (Est. Reduction)	Lbs/Yr	6.09	HSPF SAM - 10 Digit HUC	South Branch Rush River
Nutrients (Nitrate)	Lbs/Yr	252	HSPF SAM - 10 Digit HUC	South Branch Rush River

Activity Action Name:	FY23 WBIF-5	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 160 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:		Install Date: 08/26/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	12.32	HSPF SAM - 10 Digit HUC	High Island Creek
Nutrients (Nitrate)	Lbs/Yr	608	HSPF SAM - 10 Digit HUC	High Island Creek
Sediment (Tss)	Tons/Yr	4.32	HSPF SAM - 10 Digit HUC	High Island Creek

Activity Action Name:	FY23 WBIF-11	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 77.49 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 1 of a 3 year Contract	Install Date: 09/10/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	2.0147	HSPF SAM - 10 Digit HUC	South Branch Rush River
Nutrients (Nitrate)	Lbs/Yr	278.96	HSPF SAM - 10 Digit HUC	South Branch Rush River
Phosphorus (Est. Reduction)	Lbs/Yr	6.7416	HSPF SAM - 10 Digit HUC	South Branch Rush River

Activity Action Name:	FY23 WBIF-11	Activity Count:	1
Practice Type:	340 - Cover Crop	Size/Units:	77.49 - Acres
TA Provider/JAA:	SWCD	Lifespan:	1 Year
Practice Description:	Year 2 of a 3 year contract.	Install Date:	09/21/2024
		Mapped:	Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	6.7416	HSPF SAM - 10 Digit HUC	South Branch Rush River
Nutrients (Nitrate)	Lbs/Yr	278.96	HSPF SAM - 10 Digit HUC	South Branch Rush River
Sediment (Tss)	Tons/Yr	2.0147	HSPF SAM - 10 Digit HUC	South Branch Rush River

Activity Action Name:	FY23 WBIF-11	Activity Count:	1
Practice Type:	340 - Cover Crop	Size/Units:	77.49 - Acres
TA Provider/JAA:	SWCD	Lifespan:	1 Year
Practice Description:	Year 3 of a 3 year contract.	Install Date:	09/20/2025
		Mapped:	Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	2.0147	HSPF SAM - 10 Digit HUC	South Branch Rush River
Phosphorus (Est. Reduction)	Lbs/Yr	6.7416	HSPF SAM - 10 Digit HUC	South Branch Rush River
Nutrients (Nitrate)	Lbs/Yr	278.96	HSPF SAM - 10 Digit HUC	South Branch Rush River

Activity Action Name:	FY23 WBIF-12	Activity Count: 8
Practice Type:	340 - Cover Crop	Size/Units: 496.4 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 2 of a 3 year contract.	Install Date: 10/19/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	1787	HSPF SAM - 10 Digit HUC	South Branch Rush River
Phosphorus (Est. Reduction)	Lbs/Yr	43.187	HSPF SAM - 10 Digit HUC	South Branch Rush River
Sediment (Tss)	Tons/Yr	12.906	HSPF SAM - 10 Digit HUC	South Branch Rush River

Activity Action Name:	FY23 WBIF-12	Activity Count: 8
Practice Type:	340 - Cover Crop	Size/Units: 496.4 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 3 of a 3 year contract.	Install Date: 10/25/2025
		Mapped: Yes



Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	12.906	HSPF SAM - 10 Digit HUC	South Branch Rush River
Phosphorus (Est. Reduction)	Lbs/Yr	43.187	HSPF SAM - 10 Digit HUC	South Branch Rush River
Nutrients (Nitrate)	Lbs/Yr	1787	HSPF SAM - 10 Digit HUC	South Branch Rush River

Activity Action Name:	FY23 WBIF-6	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 80 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Year 2 of a 2 year contract.	Install Date: 08/15/2024
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	6.16	HSPF SAM - 10 Digit HUC	High Island Creek
Nutrients (Nitrate)	Lbs/Yr	304	HSPF SAM - 10 Digit HUC	High Island Creek
Sediment (Tss)	Tons/Yr	2.16	HSPF SAM - 10 Digit HUC	High Island Creek

## Activity Name: Sylvia Reinhardt - FY23 WBIF-18, FY23-5

**Activity Category:** Agricultural Practices **Staff time?:** No

**Description:** Grade Stabilization and grassed waterway. Will be linked to State Cost Share FY23.

### 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	2023 - State Cost-Share Fund (Sibley SWCD)	\$3,400.40	\$3,400.40	\$0.00	01/15/2025	N
Current State Grant	Lower MN River West WBIF	\$18,295.89	\$18,295.89	\$0.00	01/15/2025	N

<b>Final Indicators</b>		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	15.735	Lbs/Yr
Sediment (Tss)	1.2104	Tons/Yr
Nitrogen	676.4	Lbs/Yr

Activity Action Name: FY23 WBIF-18, FY23-5	Activity Count: 1
Practice Type: 410 - Grade Stabilization Structure	Size/Units: 1 - Count
TA Provider/JAA: TSA	Lifespan: 15 Years
Practice Description:	Install Date: 12/13/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	15.735	HSPF SAM - 10 Digit HUC	Direct Flow - MN River
Sediment (Tss)	Tons/Yr	1.2104	HSPF SAM - 10 Digit HUC	Direct Flow - MN River
Nitrogen	Lbs/Yr	676.4	HSPF SAM - 10 Digit HUC	Direct Flow - MN River

## Activity Name: Technical Assistance/Engineering

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

**Description:** Activities associated with the technical site assessment, survey, preliminary analysis and design, final design, construction supervision, installation, inspections towards completion of implemented best management practices. This task may also involve the development of site specific plans or studies.

District Technician - \$30,000 or 500 hrs

Conservation Technician - \$50,000 or 1,491 hrs

### 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	Lower MN River West WBIF	\$100,000.00	\$84,858.64	\$15,141.36	12/31/2024	N

### Actual Results

Time spent working on Technical Assistance of WBIF during 2023 by the Conservation Technician (67.75 hours @ \$40.04/hour).

Time spent working on Technical Assistance of WBIF during 2023 by the District Technician (326.5 hours @ \$60.10/hour).

Time spent working on Technical Assistance of WBIF during 2024 by the District Technician (524.5 hours @ \$62.68/hour).

Work Completed by Houston Engineering, Inc. from 3/17 to 4/30/24 on the Project 7 outlet sediment basin. (\$9,511.50)

Work Completed by Houston Engineering, Inc. through 3/16/2024 on the Project 7 outlet sediment basin. (\$5,134.50)

Work Completed by Houston Engineering, Inc. from 4/30 to 6/30/24 on the Project 7 outlet sediment basin. (\$9,541.50)

Work Completed by Houston Engineering, Inc. from 6/30/2024 to 7/31/2024 on the Project 7 outlet sediment basin. (\$1,853.00)

Time spent working on Technical Assistance of WBIF during 2024 by the District Manager (36 hours @ \$79.33/hour).

Time spent working on Technical Assistance of WBIF during 2024 by the Conservation Technician (17 hours @ \$40.04/hour).