



# Grant Work Plan

## Watershed Based Implementation 2024

**Grant Title:** Watonwan Watershed Implementation Grant - 2023 - 2026

**Grant Award (\$):** \$1,136,479.00

**Grant Execution Date:** 12/08/2023

**Grant ID:** C24-0092

**Required Match (%):** 10

**Grant End Date:** 12/31/2026

**Grantee:** Greater Blue Earth River Basin Alliance

**Required Match (\$):** \$113,647.90

**Fiscal Agent:** Greater Blue Earth River Basin Alliance

**Grant Day-to-Day Contact:** Kay Gross

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$1,136,479.00	\$0.00	\$1,136,479.00
Match Funds	\$122,472.00	\$0.00	\$122,472.00
Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,258,951.00</b>	<b>\$0.00</b>	<b>\$1,258,951.00</b>

\*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?
Administration/Coordination	Administration/Coordination	Current State Grant	Watonwan Watershed Implementation Grant - 2023 - 2026	\$120,000.00		\$120,000.00	N
Agricultural Practices	Agricultural Practices	Current State Grant	Watonwan Watershed Implementation Grant - 2023 - 2026	\$481,479.00		\$481,479.00	N
Agricultural Practices	Agricultural Practices	Federal Funds	Match - Federal	\$60,000.00		\$60,000.00	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>
Agricultural Practices	Agricultural Practices	Landowner Fund	Match - Landowner	\$31,304.00		\$31,304.00	Y
Education/Information	Education/Information	Current State Grant	Watowan Watershed Implementation Grant - 2023 - 2026	\$10,000.00		\$10,000.00	N
Forestry - Urban	Forestry Practices	Current State Grant	Watowan Watershed Implementation Grant - 2023 - 2026	\$10,000.00		\$10,000.00	N
Forestry - Urban	Forestry Practices	Landowner Fund	Match - Landowner	\$1,760.00		\$1,760.00	Y
Groundwater Practices	Groundwater	Current State Grant	Watowan Watershed Implementation Grant - 2023 - 2026	\$10,000.00		\$10,000.00	N
Groundwater Practices	Groundwater	Landowner Fund	Match - Landowner	\$10,000.00		\$10,000.00	Y
Non-structural Management Practices	Non-Structural Management Practices	Current State Grant	Watowan Watershed Implementation Grant - 2023 - 2026	\$200,000.00		\$200,000.00	N
Planning/Assessment	Planning and Assessment	Current State Grant	Watowan Watershed Implementation Grant - 2023 - 2026	\$10,000.00		\$10,000.00	N
Project Development	Project Development	Current State Grant	Watowan Watershed Implementation Grant - 2023 - 2026	\$65,000.00		\$65,000.00	N
Shoreland Protection	Streambank or Shoreline Protection	Current State Grant	Watowan Watershed Implementation Grant - 2023 - 2026	\$50,000.00		\$50,000.00	N
Shoreland Protection	Streambank or Shoreline Protection	Landowner Fund	Match - Landowner	\$8,824.00		\$8,824.00	Y
SSTS Incentive	Subsurface Sewage Treatment Systems	Current State Grant	Watowan Watershed Implementation Grant - 2023 - 2026	\$100,000.00		\$100,000.00	N
Technical/Engineering	Technical/Engineering Assistance	Current State Grant	Watowan Watershed Implementation Grant - 2023 - 2026	\$20,000.00		\$20,000.00	N
Urban Practices	Urban Stormwater	Current State Grant	Watowan Watershed	\$10,000.00		\$10,000.00	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>
	Management Practices		Implementation Grant - 2023 - 2026				
Urban Practices	Urban Stormwater Management Practices	Landowner Fund	Match - Landowner	\$1,760.00		\$1,760.00	Y
Wetland Restoration	Wetland Restoration/Creation	Current State Grant	Watowan Watershed Implementation Grant - 2023 - 2026	\$50,000.00		\$50,000.00	N
Wetland Restoration	Wetland Restoration/Creation	Landowner Fund	Match - Landowner	\$8,824.00		\$8,824.00	Y

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Sediment (Tss)	0.0285	Tons/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	0.059	Tons/Yr
Water Pollution (Reduction Estimates)	Nitrogen	18210	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	4	Tons/Yr
Stormwater Management	Volume Reduced (Acre-Feet/Year)	0.3855	Acre-Feet/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
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<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Indicator Summary Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	114	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	1608	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	960	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	44	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	7	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	238	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	1.2	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	0.3	Tons/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	321	Tons/Yr

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Estimates)			
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	0.5	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	0.315	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	0.21	Lbs/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	0.25	Tons/Yr
Pollution Prevention	Prevention	10	Count

## Grant Activities

### Activity Name: Administration/Coordination

**Activity Category:** Administration/Coordination

**Staff time?:** Yes

**Description:** The Greater Blue Earth River Basin Alliance (GBERBA) was appointed fiscal agent for the Watonwan River Watershed Implementation Grant and will track grant expenditures, process payments, and complete all grant reporting (including State of the Watershed Report) and other financial responsibilities. All grant administration will be for administering the Watonwan River Comprehensive Watershed Management Plan.

The Watonwan implementation process will flow through the GBERBA structure with monthly Technical Committee Meetings and Monthly Policy Board/Executive Board meetings. These meetings will be structured to incorporate Watonwan Steering Team and Policy Committee sessions for discussion on grant implementation activities.

GBERBA contracted staff will be billing by calculated hourly rates throughout the grant process and complete all necessary reporting as requested. Staff include the GBERBA Administrative, Technical and Financial Coordinators.

Yearly support for MS4Front will be through this category as billed by Houston Engineering.

Grant policies will be created for each project category and reviewed by the Technical Committee and approved by the Policy/Executive Board.

#### 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	Watonwan Watershed Implementation Grant - 2023 - 2026	\$120,000.00		\$120,000.00		N

#### Actual Results

DECEMBER 2023:

No activity associated with this grant item.

## Activity Name: Agricultural Practices

Activity Category: Agricultural Practices

Staff time?: No

**Description:** Targeted agricultural practices will be determined by the project scoring/ranking worksheet with emphasis on planning region priority (higher priority watersheds are weighted higher). Common practices include (but not limited too) grass waterways, terraces, grade stabilization structures, water and sediment control basins and side inlets consistent with the USDA NRCS FOTG or be a professionally accepted engineered practice. Under the Watonwan River Comprehensive Watershed Management Plan this is addressed under multiple sections related to rivers, streams, lakes, and ditches: pages 5-8 through 5-11, 5-5 through 5-6, 5-4, 5-15, 5-17, 5-18. Staff with the required JAA will have signing authority for the conservation plans and contracts. Producers will enter into contracts for structural agricultural practices that meet NRCS practice standards or professional accepted engineering standards, and GBERBA approved policy. Practices implemented through Federal programs including the Environmental Quality Incentives Program (EQIP) will be used to match State Funding. Match sources may also include the Ditch Authority, Counties or SWCDs (if non state funds).

Cost-Share – as directed by our locally approved grant policy and ranking sheet.

### 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 - Federal	\$60,000.00		\$60,000.00		Y
Landowner Fund	Match - Landowner	\$31,304.00		\$31,304.00		Y
Current State Grant	Watonwan Watershed Implementation Grant - 2023 - 2026	\$481,479.00		\$481,479.00		N

### Actual Results

DECEMBER 2023:

No activity associated with this grant item.

## Activity Name: Education/Information

**Activity Category:** Education/Information

**Staff time?:** Yes

**Description:** Education and Information will focus on surface waters, groundwater, habitat and recreation, local knowledge and land stewardship criteria incorporated into watershed outreach efforts. Outreach will be completed by all 6 Counties and SWCDs throughout the Watonwan Watershed. Multiple types of education and information outreach efforts are outlined in the Watonwan River Comprehensive Watershed Management Plan for surface water, groundwater, aquatic/terrestrial habitat, and urban stewardship under sections: 5-7, 5-11, 5-13, 5-16, 5-17, 5-18, 5-22, 5-23, 5-24, 5-30, 5-32, 5-35, 5-36, 5-38, 5-41.

Funding will be used for displays, direct mailings, postage and other media (etc.) and other educational efforts. Staff time can be billed at the calculated hourly rate and invoices accordingly.

### 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	Watonwan Watershed Implementation Grant - 2023 - 2026	\$10,000.00		\$10,000.00		N

### Actual Results

DECEMBER 2023:

No activity associated with this grant item.

## Activity Name: Forestry - Urban

**Activity Category:** Forestry Practices

**Staff time?:** No

**Description:** Urban tree practice following NRCS FOTG practice standard 612 (as listed in policy) . Watonwan River Comprehensive Watershed Management Plan pg 5-38. Cost-Share – as directed by our locally approved grant policy and ranking sheet.

### 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	Watowan Watershed Implementation Grant - 2023 - 2026	\$10,000.00		\$10,000.00		N
Landowner Fund	Match - Landowner	\$1,760.00		\$1,760.00		Y

#### Actual Results

DECEMBER 2023:

No activity associated with this grant item.

## Activity Name: Groundwater Practices

**Activity Category:** Groundwater

**Staff time?:** No

**Description:** Well decommissioning will take place watershed wide with an emphasis on all DWSMAs and the Mankato Source Water Assessment Area. All wells will be decommissioned by state licensed well contractors. This section is addressed under the Watowan River Comprehensive Watershed Management Plan under section 5-23 to reduce groundwater contaminants.

Cost-Share – as directed by our locally approved grant policy and ranking sheet.

#### 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	Watowan Watershed Implementation Grant - 2023 - 2026	\$10,000.00		\$10,000.00		N
Landowner Fund	Match - Landowner	\$10,000.00		\$10,000.00		Y

#### Actual Results

DECEMBER 2023:

No activity associated with this grant item.

## Activity Name: Non-structural Management Practices

**Activity Category:** Non-Structural Management Practices

**Staff time?:** No

**Description:** Non-structural agricultural management projects will include cover crops, no-till, strip-till and be consistent with the USDA NRCS FOTG or be a professionally accepted ecological practice. The Watonwan River Comprehensive Watershed Management Plan addresses the need for BMPs that reduce nutrient loading and sediment runoff to surface waters, which cover crops/no-till/strip-till address: 5-5, 5-8 through 5-11, 5-17, 5-39, 5-41.

Cost-share will utilize the FLAT RATE OPTION and will follow our local policy. All contracts will have a 2-3 year duration as required with payment after first planting or tillage – spot check each additional year by local staff. Maps and acres required for each of the contract years. Prefer same fields under contract but not required.

Unforeseen circumstances can extend a contact up to 5 years to finalize completion. O & M will state this language.

Cost-Share – as directed by our locally approved grant policy and ranking sheet.

### 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	Watonwan Watershed Implementation Grant - 2023 - 2026	\$200,000.00		\$200,000.00		N

### Actual Results

DECEMBER 2023:

No activity associated with this grant item.

## Activity Name: Planning/Assessment

**Activity Category:** Planning and Assessment

**Staff time?:** No

**Description:** Planning and Assessment will focus on completing 1 multipurpose drainage management (Watonwan River Comprehensive Watershed Management Plan, pg 5-3) study with local landowners and private engineers. These studies will be used to help determine future collaborations with local Drainage Authorities on county drainage systems. See locally approved grant policy for explanation of deliverables.

### 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	Watonwan Watershed Implementation Grant - 2023 - 2026	\$10,000.00		\$10,000.00		N
<b>Actual Results</b>						
DECEMBER 2023:						
No activity associated with this grant item.						

## Activity Name: Project Development

**Activity Category:** Project Development **Staff time?:** Yes

**Description:** Project Development will be led by local staff working with residents to find potential best management practices throughout the watershed. An effort will be made to complete comprehensive site visits and emphasize the MN Ag Water Quality Certification Program to assist landowners with EQIP eligibility on needed projects (Watonwan River Comprehensive Watershed Management Plan pg 5-35).

Local staff can utilize funds when working with landowners using their calculated hourly rates through time tracking. Invoices will be submitted according to hours worked, billable rates and description of services. Other activities include mailings and any other products produced by staff and will be invoiced according to cost. (100% SWCD/County staff).

### 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	Watonwan Watershed Implementation Grant - 2023 - 2026	\$65,000.00		\$65,000.00		N

## Activity Name: SSTS Incentive

**Activity Category:** Subsurface Sewage Treatment Systems

**Staff time?:** No

**Description:** Incentive, based on funding application by landowner (loan) and SSTS Eligibility Worksheet completed (required). Watonwan River Comprehensive Watershed Management Plan 5-13, 5-40. Incentive criteria – monetary or other considerations that are in addition to other financial assistance.

Property is owner occupied and the property is non-commercial (rental properties are not eligible). Incentive rates as directed by our locally approved grant policy and SSTS incentive eligibility worksheet.

### 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	Watonwan Watershed Implementation Grant - 2023 - 2026	\$100,000.00		\$100,000.00		N

### Actual Results

DECEMBER 2023:

No activity associated with this grant item.

## Activity Name: Shoreland Protection

**Activity Category:** Streambank or Shoreline Protection

**Staff time?:** No

**Description:** Shoreland stabilization projects will target high priority lakes including Hanska, Kansas, Fedji, Butterfield, Fish, Bingham and St. James and must be consistent with the USDA NRCS FOTG (as listed in policy) or be a professionally accepted engineered or ecological practice. Local scoring sheet or DNR Score Your Shore Assessment will be completed by staff before and after completion. Watonwan River Comprehensive Watershed Management Plan pages 5-42, 5-15, 5-5, 5-6, 5-32, 5-42. Cost-Share – as directed by our locally approved grant policy and ranking sheet.

### 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	Watowan Watershed Implementation Grant - 2023 - 2026	\$50,000.00		\$50,000.00		N
Landowner Fund	Match - Landowner	\$8,824.00		\$8,824.00		Y

### Actual Results

DECEMBER 2023:

No activity associated with this grant item.

## Activity Name: Technical/Engineering

**Activity Category:** Technical/Engineering Assistance

**Staff time?:** Yes

**Description:** Technical and engineering expenses include surveying and design of structural agricultural projects and streambank/shoreland stabilization structures from a licensed engineer or staff with NRCS Job Approval Authority for the specific practice. All practices must be consistent with the USDA NRCS FOTG or be a professionally accepted engineered or ecological practice. Staff credentials or Job Approval Authority can be viewed at their respective offices. Proper design and JAA are necessary to implement the entirety of the practices/projects under the Watowan River Comprehensive Watershed Management Plan. Area 6 TSA - Ryan Jones, Engineer and Southwest Prairie TSA - Russell Hoogendoorn, Engineer; District Staff with appropriate Job Approval Authority (as assigned by NRCS and available through each SWCD Office); and Private Engineering Firms. Invoices will be submitted according to hours worked, billable rates and description of services.

### 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	Watowan Watershed Implementation Grant - 2023 - 2026	\$20,000.00		\$20,000.00		N

## Activity Name: Urban Practices

**Activity Category:** Urban Stormwater Management Practices

**Staff time?:** No

**Description:** Urban practices are targeting water storage and treatment projects including rain gardens, vegetative swales, vegetative management, and others. All practices must be consistent with the USDA NRCS FOTG (as listed in policy) or be a professionally accepted engineered or ecological practice. Watonwan River Comprehensive Watershed Management Plan pg 5-38. Cost-Share – as directed by our locally approved grant policy and ranking sheet.

### 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	Watonwan Watershed Implementation Grant - 2023 - 2026	\$10,000.00		\$10,000.00		N
Landowner Fund	Match - Landowner	\$1,760.00		\$1,760.00		Y

### Actual Results

DECEMBER 2023:

No activity associated with this grant item.

## Activity Name: Wetland Restoration

**Activity Category:** Wetland Restoration/Creation

**Staff time?:** No

**Description:** Wetland Restoration following NRCS FOTG (as listed in policy) or professionally engineered qualifying practices. Watonwan River Comprehensive Watershed Management Plan 5-16. Cost-Share – as directed by our locally approved grant policy and ranking sheet.

### 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	Watonwan Watershed Implementation Grant - 2023 - 2026	\$50,000.00		\$50,000.00		N
Landowner Fund	Match - Landowner	\$8,824.00		\$8,824.00		Y
<b>Actual Results</b>						
DECEMBER 2023:						
No activity associated with this grant item.						