



Grant Work Plan

Projects and Practices 2023

Grant Title: 2023 - Twelve Mile Creek Conservation Practice Implementation

Grant Award (\$): \$420,000.00

Grant Execution Date:

Grant ID: C23-9488

Required Match (%): 25

Grant End Date: 12/31/2025

Grantee: Wright SWCD

Required Match (\$): \$105,000.00

Fiscal Agent: Wright SWCD

Grant Day-to-Day Contact: Luke Johnson

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$420,000.00	\$0.00	\$420,000.00
Match Funds	\$105,000.00	\$0.00	\$105,000.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$525,000.00	\$0.00	\$525,000.00

*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Budget Details

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Admin/Coordination	Administration/Coordination	Current State Grant	2023 - Twelve Mile Creek Conservation Practice Implementation	\$8,000.00		\$8,000.00	N
Structural Practices Implementation	Agricultural Practices	Current State Grant	2023 - Twelve Mile Creek Conservation Practice Implementation	\$286,000.00		\$286,000.00	N
Structural Practices	Agricultural Practices	Federal Funds	Federal Financial Assistance	\$80,000.00		\$80,000.00	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>
Implementation - match							
Structural Practices Implementation - match	Agricultural Practices	Landowner Fund	Landowner Contribution	\$25,000.00		\$25,000.00	Y
Non-Structural Practices Implementation	Non-Structural Management Practices	Current State Grant	2023 - Twelve Mile Creek Conservation Practice Implementation	\$28,000.00		\$28,000.00	N
Project Development	Project Development	Current State Grant	2023 - Twelve Mile Creek Conservation Practice Implementation	\$21,000.00		\$21,000.00	N
Technical/Engineering Assistance	Technical/Engineering Assistance	Current State Grant	2023 - Twelve Mile Creek Conservation Practice Implementation	\$55,000.00		\$55,000.00	N
Consulting Technical/Engineering	Technical/Engineering Assistance	Current State Grant	2023 - Twelve Mile Creek Conservation Practice Implementation	\$22,000.00		\$22,000.00	N

Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Sediment (Tss)	724.6	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	438.1	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	146	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	2173.8	Tons/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
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Grant Activities

Activity Name: Admin/Coordination

Activity Category: Administration/Coordination

Staff time?: Yes

Description: Wright SWCD will:

1. Review and approve the grant agreement.
2. Submit reports to BWSR as prescribed.
3. Track hours put toward grant Initiatives in Excel spreadsheet.
4. Prepare contract forms and gather signatures.
5. Make any modification to the grant in eLINK as needed.

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 - Twelve Mile Creek Conservation Practice Implementation	\$8,000.00		\$8,000.00		N

Activity Name: Consulting Technical/Engineering

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: The SWCD, City of Howard Lake, and their Engineer Bolton & Menk, are working towards solutions for the cities' contribution of Phosphorus via stormwater into Howard Lake.

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 - Twelve Mile Creek Conservation Practice Implementation	\$22,000.00		\$22,000.00		N

Activity Name: Non-Structural Practices Implementation

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: Funds will be used as incentive payments for enrolling acres into eligible management practices such as, but not limited to, cover crops, tillage practices, etc. Payments will follow SWCD board policy and CWF policy requirements for rates.

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 - Twelve Mile Creek Conservation Practice Implementation	\$28,000.00		\$28,000.00		N

Activity Name: Project Development

Activity Category: Project Development

Staff time?: Yes

Description: Wright SWCD will:

1. Contact prospective landowners to make them aware of grant funds and determine their interest in participating in the program.
2. Conduct preliminary site assessments to determine which conservation practices would be feasible and to generate a preliminary cost estimate.
3. Work with landowners on cost share options and grant requirements.
4. Work with partnering agencies to acquire other cost share funds.

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 - Twelve Mile Creek Conservation Practice Implementation	\$21,000.00		\$21,000.00		N

Activity Name: Structural Practices Implementation

Activity Category: Agricultural Practices

Staff time?: No

Description: Thirteen sites will be addressed utilizing multiple BMPs such as, but not limited to grade stabilization structures and water & sediment control basins. Native grasses and flowers will be planted on the earthen berms, subsurface drains will be installed to reduce peak flow output and rock stilling basins will be placed at the outlets.

Budget Details

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Current State Grant	2023 - Twelve Mile Creek Conservation Practice Implementation	\$286,000.00		\$286,000.00		N

Activity Name: Structural Practices Implementation - match

Activity Category: Agricultural Practices

Staff time?: No

Description: Match for grant

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	Federal Financial Assistance	\$80,000.00		\$80,000.00		Y
Landowner Fund	Landowner Contribution	\$25,000.00		\$25,000.00		Y

Activity Name: Technical/Engineering Assistance

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Wright SWCD will:

1. Take part in the survey of the project sites for the participating landowners.
2. Assist in the engineered project design and drawing.
3. Be on-site for the practice implementation to verify proper installation.
4. Provide any necessary construction documentation and asbuilt information.

NRCS Practice Standards incorporated:

- 350 - Sediment Basin
- 378 - Pond
- 410 - Grade Stabilization Structure
- 620 - Underground Outlet
- 606 - Subsurface Drain
- 638 - Water and Sediment Control Basin
- 657 - Wetland Restoration

The staff working on the project include:

Michael Candler, SWCD Natural Resource Engineer

Dan Nadeau, SWCD Resource Conservationist

Luke Johnson, SWCD District Manager

Craig Peterson, NRCS Area Engineer

Katie Evans, NRCS Soil Conservation Technician

Budget Details						
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Current State Grant	2023 - Twelve Mile Creek Conservation Practice Implementation	\$55,000.00		\$55,000.00		N