



Grant Work Plan

Multipurpose Drainage Management 2024

Grant Title: 2024 Wright County Ditch 19 Grade Stabilization Structures

Grant ID: C24-0110

Grantee: Wright SWCD

Fiscal Agent: Wright SWCD

Grant Day-to-Day Contact: Luke Johnson

Grant Award (\$): \$215,000.00

Required Match (%): 10

Required Match (\$): \$21,500.00

Grant Execution Date: 03/07/2024

Grant End Date: 12/31/2026

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$215,000.00	\$116,389.71	\$98,610.29
Match Funds	\$30,000.00	\$22,500.00	\$7,500.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$245,000.00	\$138,889.71	\$106,110.29

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

Project Abstract	The Wright Soil and Water Conservation District (SWCD), in partnership with the Wright County Drainage Authority, is proposing to prevent significant sediment erosion and provide peak flow reductions in the upland watershed and adjacent to County Ditch 19. County Ditch 19 begins as the outlet of French Lake and terminates at Pelouin Ave NW, then flows .6 miles via a DNR public watercourse, French Creek, to the North Fork Crow River, which is impaired for aquatic macroinvertebrate bioassessments, fishes bioassessments, dissolved oxygen, turbidity, and Escherichia coli. This project would include the installation of nine grade stabilization structures (NRCS code 410) and two water and sediment control basins (NRCS code 638).
Proposed Measurable Outcomes	Preliminary PTMApp catchment reductions for the proposed projects come to 25.3 pounds of phosphorus, 203.5 tons of sediment and 346.5 pounds of nitrogen per year.

Budget Details

<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>
Local Funds	Agricultural Practices	Local Fund	Local Funds	\$10,000.00	\$21,500.00	(\$11,500.00)	Y
Administration	Administration/Coordination	Current State Grant	2024 Wright County Ditch 19 Grade Stabilization Structures	\$4,000.00	\$2,574.50	\$1,425.50	N
Water and Sediment Control Basins	Agricultural Practices	Current State Grant	2024 Wright County Ditch 19 Grade Stabilization Structures	\$20,000.00	\$26,940.25	(\$6,940.25)	N
Grade Stabilization Structures	Agricultural Practices	Current State Grant	2024 Wright County Ditch 19 Grade Stabilization Structures	\$140,000.00	\$54,874.96	\$85,125.04	N
Technical and Engineering Assistance	Technical/Engineering Assistance	Current State Grant	2024 Wright County Ditch 19 Grade Stabilization Structures	\$51,000.00	\$32,000.00	\$19,000.00	N
Federal Funds	Agricultural Practices	Federal Funds	Federal Funds	\$10,000.00		\$10,000.00	Y
Landowner Funds	Agricultural Practices	Landowner Fund	Landowner Funds	\$10,000.00	\$1,000.00	\$9,000.00	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)	20.7	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	283.5	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	37	Tons/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	166.5	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	4.6	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	63	Lbs/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Nitrogen	6.95	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	0.32	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	2.3	Tons/Yr
Water Pollution (Reduction Estimates)	Nitrogen	46.08	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	3.27	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	21.66	Tons/Yr

Grant Activities

Activity Name: Administration

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	2024 Wright County Ditch 19 Grade Stabilization Structures	\$4,000.00	\$2,574.50	\$1,425.50	12/31/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
2024 - staff started to work on two contracts and hopefully to get approval and build in 2025	1/30/2025 11:13:25 AM
2025 - finish up contracts, fill out vouchers, work with county drainage authority for matching grant, get payments out to landowners to pay contractors	1/28/2026 10:58:24 AM

Activity Name: Federal Funds

Activity Category: Agricultural Practices

Staff time?: Yes

Description: Federal portion of agricultural practice implementation.

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 Funds	\$10,000.00		\$10,000.00		Y
Actual Results						
<u>Results</u>						<u>Date Added</u>
No funds have been spent.						4/25/2025 10:54:51 AM
No funds have been spent...basically we made our match with County funds already.						1/28/2026 11:01:51 AM

Activity Name: Grade Stabilization Structures

Activity Category: Agricultural Practices **Staff time?:** Yes

Description: Nine grade stabilization structures (NRCS Code 410) will be built in the County Ditch 19 watershed, which is located within the North Fork Crow River Watershed and the adopted 1W1P management plan. Native grasses will be planted on the earthen berms, subsurface drains will be installed to reduce peak flow output with rock stilling basins placed at the outlets 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	2024 Wright County Ditch 19 Grade Stabilization Structures	\$140,000.00	\$54,874.96	\$85,125.04	09/08/2025	N

Actual Results

<u>Results</u>						<u>Date Added</u>
Practices have been designed but not installed.						4/25/2025 10:53:52 AM
1 grad stabilization structure was installed in 2025						1/28/2026 10:53:10 AM

Final Indicators		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	2.3	Tons/Yr
Phosphorus (Est. Reduction)	0.32	Lbs/Yr
Nitrogen	6.95	Lbs/Yr

Activity Action Name: Randy Reinert Grade Stab	Activity Count: 1
Practice Type: 410 - Grade Stabilization Structure	Size/Units: 1 - Count
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date: 08/28/2025
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	2.3	PTMApp - Catchment	CD 19
Nitrogen	Lbs/Yr	6.95	PTMApp - Catchment	CD 19
Phosphorus (Est. Reduction)	Lbs/Yr	0.32	PTMApp - Catchment	CD 19

Activity Name: Landowner Funds

Activity Category: Agricultural Practices	Staff time?: Yes
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Description: Landowner portion of agricultural practice implementation.

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>
Landowner Fund	Landowner Funds	\$10,000.00	\$1,000.00	\$9,000.00	09/08/2025	Y

Actual Results	
<u>Results</u>	<u>Date Added</u>
No funds have been spent.	4/25/2025 10:55:40 AM
Landowner paid \$1,000	1/28/2026 11:13:05 AM

Activity Name: Local Funds

Activity Category: Agricultural Practices **Staff time?:** Yes

Description: Local portion of agricultural practice implementation.

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	Local Funds	\$10,000.00	\$21,500.00	(\$11,500.00)	09/08/2025	Y

Actual Results

<u>Results</u>	<u>Date Added</u>
No funds have been spent.	4/25/2025 10:55:58 AM
Wright County Drainage Authority via county ditch cost-share paid \$21,500 towards the Randy Reinert project since it was located along the County Ditch 19.	1/28/2026 11:00:42 AM

Activity Name: Technical and Engineering Assistance

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Wright County/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 as-built information.

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	2024 Wright County Ditch 19 Grade Stabilization Structures	\$51,000.00	\$32,000.00	\$19,000.00	12/31/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
2024 - survey/design was completed in early 2024	1/30/2025 11:11:58 AM
2025 - some design time early, mostly construction oversight later in the year	1/28/2026 10:55:51 AM

Activity Name: Water and Sediment Control Basins

Activity Category: Agricultural Practices

Staff time?: Yes

Description: Two water and sediment control basins (NRCS code 638) will be built in the County Ditch 19 watershed, which is located within the North Fork Crow River Watershed and the adopted 1W1P management plan. Native grasses will be planted on the earthen berms, subsurface drains will be installed to reduce peak flow output with rock stilling basins placed at the outlets 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	2024 Wright County Ditch 19 Grade Stabilization Structures	\$20,000.00	\$26,940.25	(\$6,940.25)	11/20/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
Practices have been designed but not installed.	4/25/2025 10:41:45 AM
4 water and sediment control basins were installed in 2025	1/28/2026 10:51:07 AM

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Nitrogen	46.08	Lbs/Yr
Sediment (Tss)	21.66	Tons/Yr
Phosphorus (Est. Reduction)	3.27	Lbs/Yr

Activity Action Name: Brett Bullock WASCOB	Activity Count: 3
Practice Type: 638 - Water and Sediment Control Basin	Size/Units: 3 - Count
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date: 10/22/2025
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	14.71	PTMApp - Catchment	CD 19
Phosphorus (Est. Reduction)	Lbs/Yr	1.81	PTMApp - Catchment	1.81
Nitrogen	Lbs/Yr	27.18	PTMApp - Catchment	CD 19

Activity Action Name: Margaret Groop WASCOB	Activity Count: 1
Practice Type: 638 - Water and Sediment Control Basin	Size/Units: 1 - Count
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date: 10/24/2025
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	6.95	PTMApp - Catchment	French Lake
Phosphorus (Est. Reduction)	Lbs/Yr	1.46	PTMApp - Catchment	French Lake
Nitrogen	Lbs/Yr	18.9	PTMApp - Catchment	French Lake