



Grant Work Plan

Buffer Law 2023

Grant Title: 2023 - Buffer Law (Cass SWCD)

Grant ID: P23-2541

Grantee: Cass SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Dana Gutzmann

Grant Award (\$): \$8,500.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 12/08/2022

Grant End Date: 12/31/2025

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$8,500.00	\$0.00	\$8,500.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$8,500.00	\$0.00	\$8,500.00

*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?
Parcel Realignment	Monitoring/Data Collection	Current State Grant	2023 - Buffer Law (Cass SWCD)	\$8,500.00		\$8,500.00	N

Grant Activities

Activity Name: Parcel Realignment

Activity Category: Monitoring/Data Collection

Staff time?: No

Description: Working closely with Cass County GIS Dept, Cass County Surveyor and contracting with Pro-West to take raw data and incorporate into Cass County Public Mapping site for increased accuracy when doing buffer compliance. This has been very useful tool when doing inspections.

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 - Buffer Law (Cass SWCD)	\$8,500.00		\$8,500.00		N

Actual Results



Grant Work Plan

Conservation Delivery 2023

Grant Title: 2023 - Conservation Delivery (Cass SWCD)

Grant ID: P23-5580

Grantee: Cass SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Dana Gutzmann

Grant Award (\$): \$18,275.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 10/13/2021

Grant End Date: 12/31/2024

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$18,275.00	\$18,275.00	\$0.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$18,275.00	\$18,275.00	\$0.00

*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?
Administration/Coordination	Administration/Coordination	Current State Grant	2023 - Conservation Delivery (Cass SWCD)	\$18,275.00	\$18,275.00	\$0.00	N

Grant Activities

Activity Name: Administration/Coordination

Activity Category: Administration/Coordination

Staff time?: No

Description: Conduct the day-to-day functions of the Cass SWCD. To be utilized for I&E, supervisor per diem and expenses in addition to other office expenses directly related to operating and managing the Cass District 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>
Current State Grant	2023 - Conservation Delivery (Cass SWCD)	\$18,275.00	\$18,275.00	\$0.00	12/31/2023	N



Grant Work Plan

Cost Share 2023

Grant Title: 2023 - State Cost-Share Fund (Cass SWCD)

Grant ID: P23-5760

Grantee: Cass SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Dana Gutzmann

Grant Award (\$): \$8,347.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 10/13/2021

Grant End Date: 12/31/2024

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$8,347.00	\$250.00	\$8,097.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$8,347.00	\$250.00	\$8,097.00

*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?
Agricultural Practices	Agricultural Practices	Current State Grant	2023 - State Cost-Share Fund (Cass SWCD)	\$3,347.00		\$3,347.00	N
Forestry Practices	Forestry Practices	Current State Grant	2023 - State Cost-Share Fund (Cass SWCD)	\$2,500.00		\$2,500.00	N
Well Sealing	Groundwater	Current State Grant	2023 - State Cost-Share Fund (Cass SWCD)	\$500.00	\$250.00	\$250.00	N
Shoreland Buffers	Streambank or Shoreline Protection	Current State Grant	2023 - State Cost-Share Fund (Cass SWCD)	\$2,000.00		\$2,000.00	N

Grant Activities

Activity Name: Agricultural Match

Activity Category: Agricultural Practices

Staff time?: No

Description: Match from Cass County Landowners for implementing agricultural practices.

Actual Results

Activity Name: Agricultural Practices

Activity Category: Agricultural Practices

Staff time?: No

Description: Provide Cass County Landowners Cost Share for implementing Agricultural practices.

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 (Cass SWCD)	\$3,347.00		\$3,347.00		N

Actual Results

Activity Name: Forestry Match

Activity Category: Forestry Practices

Staff time?: No

Description: Match provided by Cass County Landowners for implementing forest practices.

Actual Results

Activity Name: Forestry Practices

Activity Category: Forestry Practices

Staff time?: No

Description: Provide Cass County Landowners Cost Share for implementing forest practices.

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 (Cass SWCD)	\$2,500.00		\$2,500.00		N

Actual Results

Activity Name: Shoreland Buffers

Activity Category: Streambank or Shoreline Protection

Staff time?: No

Description: Provide Cass County Landowners Cost Share for implementing Shoreland Protection practices.

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 (Cass SWCD)	\$2,000.00		\$2,000.00		N

Actual Results

Activity Name: Shoreland Match

Activity Category: Streambank or Shoreline Protection

Staff time?: No

Description: Match from Cass County Landowners for implementing shoreland practices.

Actual Results

Activity Name: Well Sealing

Activity Category: Groundwater

Staff time?: No

Description: Provide Cass County Landowners Cost Share for the sealing of unused wells.

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 (Cass SWCD)	\$500.00	\$250.00	\$250.00	01/09/2024	N

Actual Results

Activity Action Name:	CS427-23 Well Sealing	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	Private Consultant	Lifespan: In Perpetuity
Practice Description:	Well sealing	Install Date: 11/14/2023
		Mapped: Yes

Activity Name: Well Sealing Match

Activity Category: Groundwater

Staff time?: No

Description: Match from Cass County Landowners for implementing well sealing.

Actual Results

CS427-23 match of \$350.00



Grant Work Plan

SWCD Local Capacity Services 2023

Grant Title: 2023 - SWCD Local Capacity Services (Cass SWCD)

Grant Award (\$): \$134,748.00

Grant Execution Date: 12/08/2022

Grant ID: P23-2451

Required Match (%): 0

Grant End Date: 12/31/2025

Grantee: Cass SWCD

Required Match (\$): \$0.00

Fiscal Agent:

Grant Day-to-Day Contact: Dana Gutzmann

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$134,748.00	\$32,470.44	\$102,277.56
Match Funds	\$28,087.00	\$1,000.00	\$27,087.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$162,835.00	\$33,470.44	\$129,364.56

*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?
Support for District Activities/Supervisors	Administration/Coordination	Current State Grant	2023 - SWCD Local Capacity Services (Cass SWCD)	\$10,000.00	\$10,000.00	\$0.00	N
District Employee	Administration/Coordination	Current State Grant	2023 - SWCD Local Capacity Services (Cass SWCD)	\$60,000.00	\$21,470.44	\$38,529.56	N
Agricultural Water	Agricultural Practices	Current State Grant	2023 - SWCD Local Capacity Services	\$15,000.00		\$15,000.00	N

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Quality Practices			(Cass SWCD)				
Agricultural Water Quality Practices Match	Agricultural Practices	Landowner Fund	Landowner Fund	\$3,750.00		\$3,750.00	Y
Private Forest Management	Forestry Practices	Current State Grant	2023 - SWCD Local Capacity Services (Cass SWCD)	\$10,000.00	\$1,000.00	\$9,000.00	N
PFM LandOwner Match	Forestry Practices	Landowner Fund	Landowner Fund	\$2,500.00	\$1,000.00	\$1,500.00	Y
Culvert Replacement	Streambank or Shoreline Protection	Current State Grant	2023 - SWCD Local Capacity Services (Cass SWCD)	\$29,748.00		\$29,748.00	N
Culvert Match	Streambank or Shoreline Protection	Landowner Fund	Landowner Fund	\$7,437.00		\$7,437.00	Y
County In-Kind	Supplies/Equipment	Local Fund	County Match	\$14,400.00		\$14,400.00	Y
Producer Technical Support	Technical/Engineering Assistance	Current State Grant	2023 - SWCD Local Capacity Services (Cass SWCD)	\$10,000.00		\$10,000.00	N
Stormwater BMP's	Urban Stormwater Management Practices	Current State Grant	2023 - SWCD Local Capacity Services (Cass SWCD)	\$0.00		\$0.00	N

Grant Activities

Activity Name: Agricultural Water Quality Practices	
Activity Category: Agricultural Practices	Staff time?: No
Description: Cost Share for Landowners doing Agricultural BMP's that benefit water quality.	
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 - SWCD Local Capacity Services (Cass SWCD)	\$15,000.00		\$15,000.00		N
Actual Results						

Activity Name: Agricultural Water Quality Practices Match						
Activity Category: Agricultural Practices					Staff time?: No	
Description: Landowner match for Ag BMP's						
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 Fund	\$3,750.00		\$3,750.00		Y
Actual Results						

Activity Name: County In-Kind						
Activity Category: Supplies/Equipment					Staff time?: No	
Description: County Contribution to Cass SWCD for vehicles,computers ect.						
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	County Match	\$14,400.00		\$14,400.00		Y
Actual Results						

Activity Name: Culvert Match

Activity Category: Streambank or Shoreline Protection

Staff time?: No

Description: Landowner Match for Culvert replacement

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 Fund	\$7,437.00		\$7,437.00		Y

Actual Results

Activity Name: Culvert Replacement

Activity Category: Streambank or Shoreline Protection

Staff time?: No

Description: Cost Share for Landowners for replacing culverts that are impacting water quality.

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 - SWCD Local Capacity Services (Cass SWCD)	\$29,748.00		\$29,748.00		N

Actual Results

Activity Name: District Employee

Activity Category: Administration/Coordination

Staff time?: Yes

Description: Funding used to support partial staff time for SWCD Employee.

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 - SWCD Local Capacity Services (Cass SWCD)	\$60,000.00	\$21,470.44	\$38,529.56	03/03/2023	N

Actual Results

Activity Name: PFM LandOwner Match

Activity Category: Forestry Practices

Staff time?: No

Description: Landowner Match for creation of PFM Plan creation.

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 Fund	\$2,500.00	\$1,000.00	\$1,500.00	12/14/2023	Y

Actual Results

Activity Name: Private Forest Management

Activity Category: Forestry Practices

Staff time?: No

Description: Cost Share to landowners for creation of Private Forest Management Plan creation.

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 - SWCD Local Capacity Services (Cass SWCD)	\$10,000.00	\$1,000.00	\$9,000.00	12/14/2023	N

Actual Results

Activity Action Name: CS411-23

Practice Type: 147M - Forestry Management

TA Provider/JAA: Private Consultant

Practice Description: 320 acre private forest management plan

Activity Count: 1

Size/Units: 320 - Acres

Lifespan: 10 Years

Install Date: 09/08/2023

Mapped: Yes

Activity Name: Producer Technical Support

Activity Category: Technical/Engineering Assistance

Staff time?: No

Description: Technical support to agricultural producers for getting projects to the implementation stage this would be a contract through Happy Dancing Turtle for Jim Chamberlain's 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	2023 - SWCD Local Capacity Services (Cass SWCD)	\$10,000.00		\$10,000.00		N
Actual Results						

Activity Name: Stormwater BMP's						
Activity Category: Urban Stormwater Management Practices					Staff time?: No	
Description: Cost Share with Landowners for installation of Stormwater BMP's						
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 - SWCD Local Capacity Services (Cass SWCD)	\$0.00		\$0.00		N
Actual Results						
Stormwater BMPs activity removed, added support for district activities.						

Activity Name: Stormwater Match						
Activity Category: Urban Stormwater Management Practices					Staff time?: No	
Description: Landowner Match for Stormwater BMP's						
Actual Results						
Removed Stormwater activity from workplan and added support for district activities.						

Activity Name: Support for District Activities/Supervisors

Activity Category: Administration/Coordination

Staff time?: No

Description: Support for district activities including District Supervisors per diems and mileage.

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 - SWCD Local Capacity Services (Cass SWCD)	\$10,000.00	\$10,000.00	\$0.00	12/30/2023	N



Grant Work Plan

Soil Health Cost Share 2023

Grant Title: 2023 - Soil Health Cost Share (Cass SWCD)

Grant ID: P23-2672

Grantee: Cass SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Dana Gutzmann

Grant Award (\$): \$14,175.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 11/17/2022

Grant End Date: 12/31/2024

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$14,175.00	\$11,491.39	\$2,683.61
Match Funds	\$3,543.75	\$3,183.80	\$359.95
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$17,718.75	\$14,675.19	\$3,043.56

*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?
Soil Health BMP's	Non-Structural Management Practices	Current State Grant	2023 - Soil Health Cost Share (Cass SWCD)	\$14,175.00	\$11,491.39	\$2,683.61	N
Soil Health BMP's	Non-Structural Management Practices	Landowner Fund	Landowner Match	\$3,543.75	\$3,183.80	\$359.95	Y
FY 2023 Soil Health and	Technical/Engineering	Current State Grant	2023 - Soil Health Cost Share (Cass	\$0.00		\$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>
Assistance	Assistance		SWCD)				

Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	3.08	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	1.51	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	13.5	Tons/Yr

Grant Activities

Activity Name: FY 2023 Soil Health and Assistance							
Activity Category: Technical/Engineering Assistance						Staff time?: No	
Description: The NRCS or Jim Chamberlain TAA will provide technical assistance for the Soil Health Cost Share by conducting site investigations and technical assessments.							
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 - Soil Health Cost Share (Cass SWCD)	\$0.00		\$0.00		N	
Actual Results							

Activity Name: Soil Health BMP's

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: These funds will be used to provide flat rate cost share for Cover Crops 340 (\$40/acre) and percent based cost share (75%) 512 Forage and biomass Plantings. All will be designed and installed and inspected according to standards and specifications found in the NRCS Field Office Technical Guide. Practices will be installed according to Cass SWCD Cost Share Policy or WBIF 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>
Current State Grant	2023 - Soil Health Cost Share (Cass SWCD)	\$14,175.00	\$11,491.39	\$2,683.61	10/11/2023	N
Landowner Fund	Landowner Match	\$3,543.75	\$3,183.80	\$359.95	09/15/2023	Y

Actual Results

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	3.08	Lbs/Yr
Sediment (Tss)	1.51	Tons/Yr
Soil (Est. Savings)	13.5	Tons/Yr

Activity Action Name:	CS408-23	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 31.6 - Acres
TA Provider/JAA:	Private Consultant	Lifespan: 10 Years
Practice Description:	Cover crop planted with no-till drill for pasture hay. Practice followed years of row cropping rotations.	Install Date: 09/15/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.05	Bwsr Calc (Sheet And Rill)	Unnamed Lake
Phosphorus (Est. Reduction)	Lbs/Yr	0.13	Bwsr Calc (Sheet And Rill)	Unnamed Lake
Soil (Est. Savings)	Tons/Yr	0.3	Bwsr Calc (Sheet And Rill)	Unnamed Lake

Activity Action Name:	CS409-23	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 15 - Acres
TA Provider/JAA:	Private Consultant	Lifespan: 10 Years
Practice Description:	Former row crop rotations converted to pasture/hay with no till drill	Install Date: 09/15/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	2.09	Bwsr Calc (Sheet And Rill)	Bungo Creek
Soil (Est. Savings)	Tons/Yr	3.75	Bwsr Calc (Sheet And Rill)	Bungo Creek
Sediment (Tss)	Tons/Yr	0.97	Bwsr Calc (Sheet And Rill)	Bungo Creek

Activity Action Name:	CS416-23	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 48.5 - Acres
TA Provider/JAA:	NRCS	Lifespan: 1 Year
Practice Description:	Cover crops	Install Date: 09/22/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.49	Bwsr Calc (Sheet And Rill)	Lova
Phosphorus (Est. Reduction)	Lbs/Yr	0.86	Bwsr Calc (Sheet And Rill)	Lova
Soil (Est. Savings)	Tons/Yr	9.45	Bwsr Calc (Sheet And Rill)	Lova