



Grant Work Plan

Buffer Law 2018

Grant Title: 2018 - Buffer Law (Cass SWCD)

Grant ID: P18-6712

Grantee: Cass SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Dana Gutzmann

Grant Award (\$): \$10,000.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 01/02/2018

Grant End Date: 12/31/2020

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$10,000.00	\$10,000.00	\$0.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$10,000.00	\$10,000.00	\$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?
Buffer Law Administration	Administration/Coordination	Current State Grant	2018 - Buffer Law (Cass SWCD)	\$10,000.00	\$10,000.00	\$0.00	N

Grant Activities

Activity Name: Buffer Law Administration

Activity Category: Administration/Coordination

Staff time?: Yes

Description: Implement and administer the Cass County Buffer Ordinance and monitoring and enforcement provisions.

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	2018 - Buffer Law (Cass SWCD)	\$10,000.00	\$10,000.00	\$0.00	11/24/2020	N

Actual Results

Implemented and enforced provisions of Cass County Buffer Ordinance.



Grant Work Plan

Conservation Delivery 2018

Grant Title: 2018 - Conservation Delivery (Cass SWCD)

Grant ID: P18-6110

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: 01/02/2018

Grant End Date: 12/31/2020

	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?
District Operations	Administration/Coordination	Current State Grant	2018 - Conservation Delivery (Cass SWCD)	\$18,275.00	\$18,275.00	\$0.00	N

Grant Activities

Activity Name: District Operations

Activity Category: Administration/Coordination

Staff time?: No

Description: Operate Cass SWCD as per District annual Plan.

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	2018 - Conservation Delivery (Cass SWCD)	\$18,275.00	\$18,275.00	\$0.00	12/06/2018	N

Actual Results

Administered and operated the Cass SWCD. Funds used for Supervisor per diems and expenses, general office supplies, annual audit, and meeting expenses. Supervisors meet monthly and now all meeting agendas and minutes are posted on our Cass County website in a new Acella format.



Grant Work Plan

Easement Implementation 2018

Grant Title: 2018 - Easement Implementation (Cass SWCD)

Grant ID: P18-1063

Grantee: Cass SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Dana Gutzmann

Grant Award (\$): \$10,000.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 06/26/2018

Grant End Date: 12/31/2018

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$10,000.00	\$10,000.00	\$0.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$10,000.00	\$10,000.00	\$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?
Implement Easements	Easements	Current State Grant	2018 - Easement Implementation (Cass SWCD)	\$10,000.00	\$10,000.00	\$0.00	N

Grant Activities

Activity Name: Implement Easements

Activity Category: Easements **Staff time?:** No

Description: Closing Cass County Forest and Wild Rice Lake Easements. Work with Crow Wing SWCD to develop Forest Easements and Wild Rice Lake easements

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	2018 - Easement Implementation (Cass SWCD)	\$10,000.00	\$10,000.00	\$0.00	12/21/2018	N

Actual Results

Several easements nearing completion. Crow Wing SWCD worked on Quade easement but person passed away after substantial work was completed. MOA with Crow wing SWCD to implement easements in Pine River Watershed and Mississippi River Corridor in Cass County.



Grant Work Plan

Cost Share 2018

Grant Title: 2018 - State Cost-Share Fund (Cass SWCD)

Grant ID: P18-5880

Grantee: Cass SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Dana Gutzmann

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

Required Match (%): 25

Required Match (\$): \$2,086.75

Grant Execution Date: 01/02/2018

Grant End Date: 12/31/2020

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$8,347.00	\$8,347.00	\$0.00
Match Funds	\$2,087.00	\$5,713.01	(\$3,626.01)
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$10,434.00	\$14,060.01	(\$3,626.01)

*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?
Landowner Match	Agricultural Practices	Landowner Fund		\$2,087.00	\$5,713.01	(\$3,626.01)	Y
Private Forestry	Forestry Practices	Current State Grant	2018 - State Cost-Share Fund (Cass SWCD)	\$0.00		\$0.00	N
Landowner Cost share	Groundwater	Current State Grant	2018 - State Cost-Share Fund (Cass SWCD)	\$8,347.00	\$8,347.00	\$0.00	N
Well Sealing	Groundwater	Current State Grant	2018 - State Cost-Share Fund (Cass SWCD)	\$0.00		\$0.00	N
Heavy Use Protection	Livestock Waste	Current State Grant	2018 - State Cost-Share Fund (Cass SWCD)	\$0.00		\$0.00	N

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Pads	Management						
Surface Water Connectivity	Special Projects	Current State Grant	2018 - State Cost-Share Fund (Cass SWCD)	\$0.00		\$0.00	N

Grant Activities

Activity Name: Heavy Use Protection Pads						
Activity Category: Livestock Waste Management				Staff time?: No		
Description: Installation of Concrete or crushed concrete to stabilize soil around congregated watering areas.						
Budget Details						
Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2018 - State Cost-Share Fund (Cass SWCD)	\$0.00		\$0.00		N
Actual Results						
Installed one 650 sq. foot concrete pad up gradient of Mosquito Creek. This will help prevent runoff of both nutrients and bacteria from entering the creek.						

Activity Action Name:	Barg Heavy Use Pads	Activity Count: 1
Practice Type:	312 - Waste Management System	Size/Units: 625 - Cfu/Yr
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Cost Share for construction of 625 sq. foot heavy use pad	Install Date: 08/06/2020
		Mapped: Yes

Activity Name: Landowner Cost share

Activity Category: Groundwater

Staff time?: No

Description: Provide up to 75% Cost share to landowners who implement allowable 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	2018 - State Cost-Share Fund (Cass SWCD)	\$8,347.00	\$8,347.00	\$0.00	08/06/2020	N

Actual Results

Provided Cost Share to Cass County Landowners to complete 11 projects.

8 PFM Plans for 1,126.39 acres

1 well Sealing

1 Culvert replacement

1 Heavy Use Pad

Activity Name: Landowner Match

Activity Category: Agricultural Practices

Staff time?: No

Description: Landowner match of 25% for approved cost-share 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>
Landowner Fund		\$2,087.00	\$5,713.01	(\$3,626.01)	08/06/2020	Y

Actual Results

Provided Cost Share to Cass County Landowners to complete 11 projects.

8 PFM Plans for 1,126.39 acres

1 well Sealing

1 Culvert replacement

1 Heavy Use Pad

Activity Name: Private Forestry

Activity Category: Forestry Practices

Staff time?: No

Description: Private Forest Management Plan writing for Cass County landowners.

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	2018 - State Cost-Share Fund (Cass SWCD)	\$0.00		\$0.00		N

Actual Results

Cost share on 8 PFM plans for a total of 1,126.39 acres

Activity Action Name:	William Stroot PFM Plan	Activity Count: 1
Practice Type:	147M - Forestry Management	Size/Units: 79.64 - Acres
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:	1of 3 PFM Plans done for William Stroot, in Maple Township	Install Date: 12/12/2019
		Mapped: Yes

Activity Action Name:	William Stroot PFM Plan	Activity Count: 1
Practice Type:	147M - Forestry Management	Size/Units: 357.34 - Acres
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:	Plan 2 of 3 for William Stroot, Moose lake Township	Install Date: 12/18/2019
		Mapped: Yes

Activity Action Name:	William Stroot PFM Plan	Activity Count: 1
Practice Type:	147M - Forestry Management	Size/Units: 363.18 - Acres
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:	Plan 3 of 3 for William Stroot, Section 28 Moose Lake Township.	Install Date: 12/18/2019
		Mapped: Yes

Activity Action Name:	Denis Black PFM Plan	Activity Count: 1
Practice Type:	147M - Forestry Management	Size/Units: 88.5 - Acres
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:	Cost Share PFM Plan for Denis Black, Leech Lake Township.	Install Date: 08/01/2019
		Mapped: Yes

Activity Action Name:	Ah Ke Wen Zie PFM Plan	Activity Count: 1
Practice Type:	147M - Forestry Management	Size/Units: 58 - Acres
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:	Cost share assistance for PFM Plan, Boy Lake Township	Install Date: 01/03/2020
		Mapped: Yes

Activity Action Name:	Floyd D. Smith PFM Plan	Activity Count: 1
Practice Type:	147M - Forestry Management	Size/Units: 40 - Acres
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:	Cost SHare assistance for PFM Plan, Ponto Lake Township.	Install Date: 10/03/2019
		Mapped: Yes

Activity Action Name:	Joe Karst PFM Plan	Activity Count: 1
Practice Type:	147M - Forestry Management	Size/Units: 40 - Acres
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:	Cost Share Assistance for PFM Plan, Turtle Lake Township	Install Date: 12/11/2019
		Mapped: Yes

Activity Action Name:	Martinson PFM	Activity Count: 1
Practice Type:	147M - Forestry Management	Size/Units: 100.23 - Acres
TA Provider/JAA:	Private Consultant	Lifespan: 10 Years
Practice Description:	75% cost share for PFM Plan	Install Date: 03/05/2020
		Mapped: Yes

Activity Name: Surface Water Connectivity	
Activity Category: Special Projects	Staff time?: No
Description: Portion of project cost for culvert replacement for Deep Portage Road Association. This project was designed by MN. DNR for purpose of reconnecting Deep Portage and Little Portage Lakes. and creation of fish weirs.	
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	2018 - State Cost-Share Fund (Cass SWCD)	\$0.00		\$0.00		N

Actual Results

Installation of a 24 foot squashed arch concrete 36" culvert for the purposes of reconnecting two lakes for fish passage.

Activity Action Name:	Culvert Replacement and fish Passage	Activity Count: 1
Practice Type:	392M - Fish Management	Size/Units: 24 - Cfu
TA Provider/JAA:		Lifespan: Unknown
Practice Description:	Portion of cost share for culvert replacement and fish weir creation.	Install Date: 12/11/2019
		Mapped: Yes

Activity Name: Well Sealing

Activity Category: Groundwater

Staff time?: No

Description: Well Sealing assistance for private landowners in Cass County.

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	2018 - State Cost-Share Fund (Cass SWCD)	\$0.00		\$0.00		N

Actual Results

Cost Shared on 1 Well Sealing contract

Activity Action Name:	Vasecka Well Sealing	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:		Lifespan: In Perpetuity
Practice Description:	Well Sealing for Mike Vasecka	Install Date: 12/11/2019
		Mapped: Yes



Grant Work Plan

SWCD Local Capacity Services 2018

Grant Title: 2018 - SWCD Local Capacity Services (Cass SWCD)

Grant Award (\$): \$114,400.00

Grant Execution Date: 01/02/2018

Grant ID: P18-5172

Required Match (%): 0

Grant End Date: 12/31/2021

Grantee: Cass SWCD

Required Match (\$): \$0.00

Fiscal Agent:

Grant Day-to-Day Contact: Dana Gutzmann

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$114,400.00	\$114,400.00	\$0.00
Match Funds	\$20,000.00	\$122,463.30	(\$102,463.30)
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$134,400.00	\$236,863.30	(\$102,463.30)

*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?
Cost Share incentives	Conservation Drainage	Current State Grant	2018 - SWCD Local Capacity Services (Cass SWCD)	\$74,400.00	\$74,400.00	\$0.00	N
Cost Share incentives	Conservation Drainage	Landowner Fund	New Match Funds	\$20,000.00	\$122,463.30	(\$102,463.30)	Y
Staff Support	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Cass SWCD)	\$40,000.00	\$40,000.00	\$0.00	N

Indicator Summary

Indicator Category	Proposed Indicator	Total Value	Unit
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Indicator Category	Final Indicator	Total Value	Unit
Water Pollution (Reduction Estimates)	Sediment (Tss)	4	Tons/Yr

Grant Activities

Activity Name: Cost Share incentives

Activity Category: Conservation Drainage **Staff time?:** No

Description: Provide approved landowners with cost-share incentives to install and maintaining good practices for the management of stormwater and practices to promote good solid and water conservation.

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	New Match Funds	\$20,000.00	\$122,463.30	(\$102,463.30)	01/22/2021	Y
Current State Grant	2018 - SWCD Local Capacity Services (Cass SWCD)	\$74,400.00	\$74,400.00	\$0.00	01/08/2021	N

Actual Results

Completed 2 major cost-share projects: 1) Hillsdale Loop Stormwater /Erosion Control Project with Shingobee Township and the City of Walker installing 600 linear ft. of control and a WASCOB plus culverts, and 2) Chloride Redcution Program with the Cass County Highway Dept. assisting purchasing and installing brining equipment at 6 highway garage locations. This project will decrease chloride usage by 25-30% annually.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	4	Tons/Yr

Activity Action Name:	Hillsdale Loop Road Stormwater Project	Activity Count: 3
Practice Type:	148M - Erosion Control	Size/Units: 600 - Cfu
TA Provider/JAA:	Private Consultant	Lifespan: Unknown
Practice Description:	Installation of WASCOD's along Hillsdale Loop Road	Install Date: 12/10/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	4	Bwsr Calc (Gully Stabilization)	Leech

Activity Action Name:	Chloride Reduction Equipment	Activity Count: 1
Practice Type:	148M - Erosion Control	Size/Units: 4 - Acre-Feet/Yr
TA Provider/JAA:	Private Consultant	Lifespan: Unknown
Practice Description:	Purchase of Brining Equipment for chloride reduction along Cass County Roads.	Install Date: 01/08/2021
		Mapped: No

Activity Name: Staff Support

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Provide Staff support to Cass SWCD for implementing cost-share and other forestry, water resource, and watershed protection strategies and 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	2018 - SWCD Local Capacity Services (Cass SWCD)	\$40,000.00	\$40,000.00	\$0.00	02/28/2020	N

Actual Results

Provided staff for Cass SWCD Technical Services including shoreland buffers, Forest Plans, watershed protection strategies and Cost-share projects with willing landowners.