



Grant Progress Report

Cost Share 2019

Grant Title: 2019 - State Cost-Share Fund (Freeborn SWCD)

Grant ID: P19-2394

Grantee: Freeborn SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Brenda Lageson

Grant Award (\$): \$16,482.00

Required Match (%): 25

Required Match (\$): \$4,120.50

Grant Execution Date: 10/31/2017

Grant End Date: 12/31/2020

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$5,946.53	\$5,946.53	\$10,535.47
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$10,329.29	\$10,329.29	\$0.00
Total	\$16,275.82	\$16,275.82	\$10,535.47

*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?
DrescherC WW FY18-03	Agricultural Practices	Current State Grant	2019 - State Cost-Share Fund (Freeborn SWCD)	\$899.52	\$899.52	\$0.00	N
DrescherC WW FY18-03	Agricultural Practices	Other Funds	2018 - State Cost-Share Fund (Freeborn SWCD)	\$3,439.08	\$3,439.08	\$0.00	N
WayneT_WASCOB_	Agricultural Practices	Other Funds	2016 - State Cost-Share Fund (Freeborn SWCD)	\$4,730.00	\$4,730.00	\$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>
FY16-03			SWCD)				
WayneT_WASCOB_ FY16-03	Agricultural Practices	Current State Grant	2019 - State Cost-Share Fund (Freeborn SWCD)	\$1,750.61	\$1,750.61	\$0.00	N
Technical Assistance	Technical/Engineering Assistance	Current State Grant	2019 - State Cost-Share Fund (Freeborn SWCD)	\$3,296.40	\$3,296.40	\$0.00	N
WayneT_WASCOB_ FY16-03	Agricultural Practices	Landowner Fund	Landowner Fund	\$2,160.21	\$2,160.21	\$0.00	N

Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
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<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	1.15	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	1.15	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	6.38	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	8.44	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	7.34	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	105	Tons/Yr

Grant Activities

Activity Name: DrescherC WW FY18-03

Activity Category: Agricultural Practices **Staff time?:** No

Description: Grassed waterway

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	2019 - State Cost-Share Fund (Freeborn SWCD)	\$899.52	\$899.52	\$0.00	10/15/2020	N
Current State Grant	2018 - State Cost-Share Fund (Freeborn SWCD)	\$3,439.08	\$3,439.08	\$0.00	10/15/2020	N

Actual Results

<u>Results</u>	<u>Date Added</u>
A grassed waterway was installed that is 800 feet long and 60 feet wide. The watershed upstream of the waterway is 350 acres. 1.1 acres of a critical area planting was installed to ensure the waterway can work properly. The water that flows through the grassed waterway eventually makes it to County Ditch 79. 7.44 tons per year of sediment, 105 tons per year of soil saved, and 8.44 tons per year of phosphorus is saved from entering County Ditch 79 directly.	10/20/2020 2:21:15 PM

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	7.34	Tons/Yr
Phosphorus (Est. Reduction)	8.44	Lbs/Yr
Soil (Est. Savings)	105	Tons/Yr

Activity Action Name:	DrescherC WW FY18-03	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 800 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	A grassed waterway was installed that is 800 feet long and 60 feet wide. The watershed upstream of the waterway is 350 acres. 1.1 acres of a critical area planting was installed to ensure the waterway can work properly. The water that flows through the grassed waterway eventually makes it to County Ditch 79. 7.44 tons per year of sediment, 105 tons per year of soil saved, and 8.44 tons per year of phosphorus is saved from entering County Ditch 79 directly.	Install Date: 10/31/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	7.34	Bwsr Calc (Gully Stabilization)	County Ditch 79 Tributary to Bear Lake
Soil (Est. Savings)	Tons/Yr	105	Bwsr Calc (Gully Stabilization)	County Ditch 79 Tributary to Bear Lake
Phosphorus (Est. Reduction)	Lbs/Yr	8.44	Bwsr Calc (Gully Stabilization)	County Ditch 79 Tributary to Bear Lake

Activity Name: Technical Assistance

Activity Category: Technical/Engineering Assistance **Staff time?:** Yes

Description: Technical Assistance

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	2019 - State Cost-Share Fund (Freeborn SWCD)	\$3,296.40	\$3,296.40	\$0.00	12/31/2020	N

Actual Results**Results** **Date Added**

Assisted construction of a grassed waterway with engineer. 63.5 hours @ \$48.76 billing rate, 10 hours @ \$32.17 billing rate for a total of \$3,417.86. 10/22/2020 2:53:42 PM

Activity Name: WayneT_WASCOB_FY16-03**Activity Category:** Agricultural Practices**Staff time?:** No**Description:** Water and sediment control basin**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	\$2,160.21	\$2,160.21	\$0.00	08/13/2020	N
Current State Grant	2016 - State Cost-Share Fund (Freeborn SWCD)	\$4,730.00	\$4,730.00	\$0.00	08/17/2020	N
Current State Grant	2019 - State Cost-Share Fund (Freeborn SWCD)	\$1,750.61	\$1,750.61	\$0.00	08/17/2020	N

Actual Results**Results** **Date Added**

Two water and sediment control basins were installed to prevent gully erosion from happening. One basin is 340 feet long and the other basin is 300 feet long. There was also channel tile installed to keep the storage area of the basin dry. The support tile and basin intake was tied into an existing tile outlet. 1 acre of a critical area planting was established over the basins as well. As a result of the 2 water and sediment control basins 1.15 tons per year of sediment (TSS), 6.38 tons per year of estimated soils savings, and 1.15 lbs per year will be saved from entering a tributary of the Cannon River watershed. 1/16/2020 8:56:31 AM

Final Indicators		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	1.15	Lbs/Yr
Sediment (Tss)	1.15	Tons/Yr
Soil (Est. Savings)	6.38	Tons/Yr

Activity Action Name:	WayneT_WASCOB_FY16-03	Activity Count: 2
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 640 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Two water and sediment control basins were installed to prevent gully erosion from happening. One basin is 340 feet long and the other basin is 300 feet long. There was also channel tile installed to keep the storage area of the basin dry. The support tile and basin intake was tied into an existing tile outlet. 1 acre of a critical area planting was established over the basins as well. As a result of the 2 water and sediment control basins 1.15 tons per year of sediment (TSS), 6.38 tons per year of estimated soils savings, and 1.15 lbs per year will be saved from entering a tributary of the Cannon River watershed.	Install Date: 08/13/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	1.15	Bwsr Calc (Gully Stabilization)	Tributary to the Cannon River
Soil (Est. Savings)	Tons/Yr	6.38	Bwsr Calc (Gully Stabilization)	Tributary to the Cannon River
Sediment (Tss)	Tons/Yr	1.15	Bwsr Calc (Gully Stabilization)	Tributary to the Cannon River