



Grant Progress Report

Projects and Practices 2021

Grant Title: 2021 East Branch Chippewa River Targeted Subwatershed Implementation Project

Grant ID: C21-7856

Grantee: Pope SWCD

Fiscal Agent: Pope SWCD

Grant Day-to-Day Contact: Holly Kovarik

Grant Award (\$): \$345,000.00

Required Match (%): 25

Required Match (\$): \$86,250.00

Grant Execution Date: 01/28/2021

Grant End Date: 12/31/2023

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$345,000.00	\$345,000.00	\$0.00
Match Funds	\$86,250.00	\$229,329.49	(\$143,079.49)
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$431,250.00	\$574,329.49	(\$143,079.49)

*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?
Project Administration and Reporting	Administration/Coordination	Current State Grant	2021 East Branch Chippewa River Targeted Subwatershed Implem..	\$5,000.00	\$7,265.13	(\$2,265.13)	N
Construction, Materials, Contracted	Agricultural Practices	Current State Grant	2021 East Branch Chippewa River Targeted Subwatershed Implem..	\$299,621.93	\$297,356.80	\$2,265.13	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>
Labor, and Equipment Purchases							
Construction, Materials, Contracted Labor, and Equipment Purchases	Agricultural Practices	Federal Funds	match	\$50,000.00	\$96,491.73	(\$46,491.73)	Y
Construction, Materials, Contracted Labor, and Equipment Purchases	Agricultural Practices	Landowner Fund	match	\$36,250.00	\$132,837.76	(\$96,587.76)	Y
Project Development	Project Development	Current State Grant	2021 East Branch Chippewa River Targeted Subwatershed Implem..	\$8,972.77	\$8,972.77	\$0.00	N
Technical Assistance and Engineering	Technical/Engineering Assistance	Current State Grant	2021 East Branch Chippewa River Targeted Subwatershed Implem..	\$31,405.30	\$31,405.30	\$0.00	N

Indicator Summary

Indicator Category	Proposed Indicator	Total Value	Unit
Water Pollution (Reduction Estimates)	Sediment (Tss)	1462	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	1260	Lbs/Yr

Indicator Category	Final Indicator	Total Value	Unit
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	2406.69	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	2181.01	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	2708.2	Tons/Yr

Grant Activities

Activity Name: Construction, Materials, Contracted Labor, and Equipment Purchases						
Activity Category: Agricultural Practices					Staff time?: No	
Description: Funds will be used for contractors and earth work needed to complete construction of 65 erosion and sediment control practices.						
Budget Details						
Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2021 East Branch Chippewa River Targeted Subwatershed Implem..	\$299,621.93	\$297,356.80	\$2,265.13	10/19/2023	N
Federal Funds	match	\$50,000.00	\$96,491.73	(\$46,491.73)	10/19/2023	Y
Landowner Fund	match	\$36,250.00	\$132,837.76	(\$96,587.76)	10/19/2023	Y

Actual Results

We completed 1 project in 2021 (4 structures) with several in development for implementation in 2022 and 2023. There was another project that was also completed with federal funding only and that had 2 basins and will be used as match.

There are 12 landowner project sites in the works between Swift and Pope Counties. We have at least 5-7 that are moving to final designs and are planned to be constructed in 2022. We have partnered on at least 4 project sites with NRCS and the CWF will be piggybacked with EQIP funding. We will show match in this grant when those are completed. 11-28-22-We have completed 32 structures total with 4 being completed in 2021. We finished 28 structures in 2022. This was done working with 7 landowners in the two county area. The final two projects are fully designed and will be implemented in 2023. We are finalizing the payments currently and will have the payments finalized by December of 2022 for the 28 structures implemented in the fall of 2022. The remaining projects will be expended in 2023. 11-28-22-We have completed 32 structures total with 4 being completed in 2021. We finished 28 structures in 2022. This was done working with 7 landowners. The final two projects are fully designed and will be implemented in 2023. We are finalizing the payments by December of 2022 for the 28 structures implemented this fall. We have other projects in this work area that we have done initial survey and are working on new designs and hope to continue under a phase 2. 4 landowner project sites were designed by the WCTSA and 5 were designed by NRCS Engineering staff.

1-26-23-We have 35 structures installed as of the end of 2022. In January we have finalized payment on projects completed. We have one basin remaining to be built for Braatens and a project in Swift County. That will add 6 more structures in 2023. We are on track to have constructed 41 structures by the end of this grant project.

We have finished all projects identified in this grant application with 41 structures. The final partial payment was made on the Braaten project to close out this grant. There was a little slippage on the project but staff time closing out the grant and working on final project development and administration on the grant has fully exhausted the remaining funds. This will be the final report.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	2406.69	Lbs/Yr
Soil (Est. Savings)	2708.2	Tons/Yr
Sediment (Tss)	2181.01	Tons/Yr

Activity Action Name:	EB09-2021 Mark Nelson	Activity Count: 4
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 4 - Acre-Feet/Yr
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	4 WASCObS	Install Date: 05/12/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	70	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Phosphorus (Est. Reduction)	Lbs/Yr	40.25	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Sediment (Tss)	Tons/Yr	35	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River

Activity Action Name:	EB08-2021 Mike Thompson	Activity Count: 4
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 4 - Acre-Feet/Yr
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	4 WASCObS	Install Date: 05/12/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	84.69	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Soil (Est. Savings)	Tons/Yr	84.69	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Phosphorus (Est. Reduction)	Lbs/Yr	84.69	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River

Activity Action Name:	EB05-2021 Rick Davidson	Activity Count: 8
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 8 - Acre-Feet/Yr
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	8 water and sediment control basins	Install Date: 11/15/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	525	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Phosphorus (Est. Reduction)	Lbs/Yr	603.75	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Sediment (Tss)	Tons/Yr	525	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River

Activity Action Name:	EB06-2021 Matt Moe	Activity Count: 9
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 9 - Acre-Feet/Yr
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	9 Water and Sediment Control Basin Structures	Install Date: 11/03/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	227.5	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Soil (Est. Savings)	Tons/Yr	455	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Phosphorus (Est. Reduction)	Lbs/Yr	261.63	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River

Activity Action Name:	EB03-2021 Mark Thompson	Activity Count: 3
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 3 - Acre-Feet/Yr
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	3 water and sediment control basins	Install Date: 04/30/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	26.68	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Phosphorus (Est. Reduction)	Lbs/Yr	26.68	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Sediment (Tss)	Tons/Yr	26.68	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River

Activity Action Name:	EB04-2021 Mark Erdahl/Barry Braaten	Activity Count: 5
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 5 - Acre-Feet/Yr
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	5 water and sediment control basins	Install Date: 09/02/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	724.5	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Soil (Est. Savings)	Tons/Yr	630	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Sediment (Tss)	Tons/Yr	630	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River

Activity Action Name:	EB07-2021 Barry Braaten WASCObS	Activity Count: 5
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 5 - Acre-Feet/Yr
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	5 water and sediment control basins	Install Date: 10/05/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	211.75	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Soil (Est. Savings)	Tons/Yr	211.75	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Phosphorus (Est. Reduction)	Lbs/Yr	243.51	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River

Activity Action Name:	EB02-2021 Mark Thompson	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2090 - Cfu
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:		Install Date: 08/26/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	35.7	Bwsr Calc (Gully Stabilization)	Chippewa River
Sediment (Tss)	Tons/Yr	35.7	Bwsr Calc (Gully Stabilization)	Chippewa River
Soil (Est. Savings)	Tons/Yr	35.7	Bwsr Calc (Gully Stabilization)	Chippewa River

Activity Action Name:	EB07-2021 Barry Braaten Waterway	Activity Count: 1
Practice Type:	468 - Lined Waterway or Outlet	Size/Units: 1 - Acre-Feet/Yr
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	1 lined water way	Install Date: 10/05/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	264.69	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Phosphorus (Est. Reduction)	Lbs/Yr	224.98	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River
Soil (Est. Savings)	Tons/Yr	529.38	Bwsr Calc (Gully Stabilization)	East Branch Chippewa River

Activity Action Name:	EB01-2021 Randy Mittenness	Activity Count: 4
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 4 - Acre-Feet/Yr
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	4 water and sediment control basin structures were installed	Install Date: 10/26/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	140	Bwsr Calc (Gully Stabilization)	Lake Benson
Phosphorus (Est. Reduction)	Lbs/Yr	161	Bwsr Calc (Gully Stabilization)	Lake Benson
Soil (Est. Savings)	Tons/Yr	140	Bwsr Calc (Gully Stabilization)	Lake Benson

Activity Name: Project Administration and Reporting

Activity Category: Administration/Coordination

Staff time?: Yes

Description: Pope SWCD staff managing reporting requirements of grant funds and elink reports.

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	2021 East Branch Chippewa River Targeted Subwatershed Implem..	\$5,000.00	\$7,265.13	(\$2,265.13)	11/03/2023	N

Actual Results

Pope SWCD has completed reporting and tracking for this project in 2021.

The Pope SWCD has completed the reporting and tracking of expenditures for the 32 structures implemented with landowners.

Pope SWCD has finished the final reporting for this grant and all expenses have been paid for all projects. This is our final report to close out the grant.

Activity Name: Project Development

Activity Category: Project Development

Staff time?: Yes

Description: Pope and Swift SWCDs staff time coordinating with landowners to develop work plans and strategies. This includes site visits. These funds will be used to fund staff assisting the producers through the enter process including permits.

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	2021 East Branch Chippewa River Targeted Subwatershed Implem..	\$8,972.77	\$8,972.77	\$0.00	01/26/2023	N

Actual Results

Pope SWCD and Swift SWCD along with any engineering work that is completed on projects has been recorded for 2021. These funds are being used for working with producers. 11-28-22 Pope & Swift SWCDs have completed 32 structures with 7 landowners. There are 2 additional sites in design phase.

1/26/23-We have fully exhausted the funds in this category as of this date.

Pope and Swift SWCDs have finished implementing projects for the grant. The final project has been finished the fall of 2023. There were 41 structures completed.

Activity Name: Technical Assistance and Engineering

Activity Category: Technical/Engineering Assistance

Staff time?: No

Description: Partnering with the West Central Area II Technical Engineering staff to develop WASCOBs and erosion and sediment control project construction plans and project oversight. Some of this work will be completed by NRCS Engineering staff.

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	2021 East Branch Chippewa River Targeted Subwatershed Implem..	\$31,405.30	\$31,405.30	\$0.00	01/26/2023	N

Actual Results

11-28-22-We have completed 32 structures total with 4 being completed in 2021. We finished 28 structures in 2022. This was done working with 7 landowners in the two county area. The final two projects are fully designed and will be implemented in 2023. We are finalizing the payments currently and will have the payments finalized by December of 2022 for the 28 structures implemented in the fall of 2022. The remaining projects will be expended in 2023. We have other projects in this work area that we have done initial survey and are working on new designs and hope to continue under a phase 2. We will know if we are awarded a new East Branch Grant in the next month. The funding in this section was for engineering completed by the WCTSA on design of these projects.

We have fully expended this line item as of 1/26/2023.

This is the final report all work has been completed a total of 41 structures have been implemented with the last project finished the fall of 2023.