



Grant Progress Report

Watershed Based Implementation Phase II 2020

Grant Title: Missouri River Watershed 2020-2021 Implementation Grant

Grant ID: C20-9893

Grantee: Nobles SWCD

Fiscal Agent: Nobles SWCD

Grant Day-to-Day Contact: Tiffini Etsinger

Grant Award (\$): \$1,320,445.00

Required Match (%): 10

Required Match (\$): \$132,044.50

Grant Execution Date: 05/26/2020

Grant End Date: 12/31/2023

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$1,320,445.00	\$1,320,445.00	\$0.00
Match Funds	\$276,000.00	\$440,122.91	(\$164,122.91)
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$1,596,445.00	\$1,760,567.91	(\$164,122.91)

*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?
MRWP-2020-2021 Administration	Administration/Coordination	Current State Grant	Missouri River Watershed 2020-2021 Implementation Grant	\$80,000.00	\$80,089.09	(\$89.09)	N
FY20-MRWP-58-Weineke	Agricultural Practices	Current State Grant	Missouri River Watershed 2020-2021 Implementation Grant	\$19,657.05	\$19,657.05	\$0.00	N
FY20-MRWP-58-	Agricultural Practices	Other Funds	2020 - SWCD Local Capacity Services	\$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>
Weineke			(Nobles SWCD)				
MRWP-2020-2021 Structural / Non- Structural BMP's	Agricultural Practices	Current State Grant	Missouri River Watershed 2020-2021 Implementation Grant	\$1,160,023.01	\$1,159,834.29	\$188.72	N
MRWP-2020-2021 Project Development	Project Development	Current State Grant	Missouri River Watershed 2020-2021 Implementation Grant	\$5,764.94	\$5,764.94	\$0.00	N
MRWP-2020-2021 Technical Assistance	Technical/Engineering Assistance	Current State Grant	Missouri River Watershed 2020-2021 Implementation Grant	\$55,000.00	\$55,099.63	(\$99.63)	N
MRWP-2020-2021 Structural / Non- Structural BMP's	Agricultural Practices	Federal Funds		\$184,000.00	\$127,118.73	\$56,881.27	Y
MRWP-2020-2021 Structural / Non- Structural BMP's	Agricultural Practices	Landowner Fund	Missouri River Watershed 2020-2021 Implementation Grant	\$92,000.00	\$313,004.18	(\$221,004.18)	Y

Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Sediment (Tss)	20144	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	1356	Lbs/Yr
Water Pollution (Reduction Estimates)	Nutrients (Nitrate)	99465	Lbs/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Nitrogen	46.95	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	1.95	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	3.41	Tons/Yr
Water Pollution (Reduction Estimates)	Nitrogen	1358.79	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	504.36	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	542.21	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	856.07	Tons/Yr

Grant Activities

Activity Name: FY20-MRWP-58-Weineke						
Activity Category: Agricultural Practices					Staff time?: No	
Description: Weineke 638 linked with Local Capacity FY20						
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	Missouri River Watershed 2020-2021 Implementation Grant	\$19,657.05	\$19,657.05	\$0.00	12/28/2022	N
Current State Grant	2020 - SWCD Local Capacity Services (Nobles SWCD)	\$0.00		\$0.00		N
Actual Results						
installed 2 WSCBs to help with erosion issues						
Final Indicators						
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>				
Phosphorus (Est. Reduction)	1.95	Lbs/Yr				
Nitrogen	46.95	Lbs/Yr				
Sediment (Tss)	3.41	Tons/Yr				

Activity Action Name:	FY20-MRWP-58-Weineke	Activity Count:	3
Practice Type:	638 - Water and Sediment Control Basin	Size/Units:	3 - Count
TA Provider/JAA:	NRCS	Lifespan:	10 Years
Practice Description:	installed WSCB to address erosion issues	Install Date:	12/20/2022
		Mapped:	Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	46.95	PTMApp - Priority Resource	Kanaranzi Creek
Sediment (Tss)	Tons/Yr	3.41	PTMApp - Priority Resource	Kanaranzi Creek
Phosphorus (Est. Reduction)	Lbs/Yr	1.95	PTMApp - Priority Resource	Kanaranzi Creek

Activity Name: MRWP 2020-20201 Structural Practices Federal Mach

Activity Category: Agricultural Practices

Staff time?: No

Description: Landowners utilizing Federal programs on Structural practices in the priority areas of the MRWP.

Actual Results

Activity Name: MRWP 2020-2021 structural/ non structural practices landwoner match

Activity Category: Agricultural Practices

Staff time?: No

Description: Landowner Match for BMP's installed on private property.

Actual Results

Activity Name: MRWP-2020-2021 Administration

Activity Category: Administration/Coordination

Staff time?: Yes

Description: The activity funds will be used for grant administration cost for coordination of committee meetings, work plan and budget tracking, reporting, and other associated tasks for implementation of grant activities according to the BWSR Grants Administration Manual. For this grant, the Nobles SWCD will handle the administration.

Nobles SWCD will act as fiscal agent including budget tracking, reporting to and updating the Missouri River Watershed Joint Powers Board on fiscal matters, tracking grant expenditures, processing payments, administering sub agreements, and assisting with grant reporting and other financial responsibilities. This will involve time for the Nobles SWCD District Manager and Office Administrator.

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	Missouri River Watershed 2020-2021 Implementation Grant	\$80,000.00	\$80,089.09	(\$89.09)	12/31/2022	N

Actual Results

As of 6/30/2020 no funds have been spent

12/31/2020 Hours

District Manager 286 hours @ \$52.45= \$15000.70.

Admin Assistant 94.50 hours @ \$42.77= \$4041.77

2020 Total = \$19042.47

2021 Hours

6/30/21 (first half)

DM 163.50 hrs @ \$58.28 = \$9528.78

Admin Assistant 118.51 hrs @ 40.94 = \$4851.80

total \$14,380.58

2021 Hours

12/31/21(Second half)

DM 196.5 hrs @ \$58.28 = \$11452.02

Admin Assistant 211 hrs @ 41.88 = \$8836.68

total \$20,288.70

2022 hours

6/30/2022 (1st half)

DM 175hrs @ 67.57 = \$11824.75

Admin 230hrs @51.21 = \$11778.30

total = \$23603.65

12/31/2022

Admin 48hrs@\$56.18 = \$2696.64

admin 2hrs @55.55 = 111.10

Billed at \$2773.69

Activity Name: MRWP-2020-2021 Project Development

Activity Category: Project Development

Staff time?: Yes

Description: This activity will serve to fund civic engagement; public outreach; initial contacts, actions, and activities with landowners and/or partners; preliminary information gathering, conservation marketing, or other activities to facilitate conservation implementation project development.

Work toward goals set in the Comprehensive Watershed Management Plan for landowner outreach and field walkovers will be accomplished through this fund. Events such as public meetings and forums, including one on one field scale planning opportunities, to showcase the environmental and economic benefits of BMP farm management practices and the hydrologic impacts of drainage management techniques will be targeted in High and medium-high prioritized HUC-12 watersheds as prescribed in the prioritization results (Appendix "O") of the plan. The goal is to provide the groundwork for implementation adoption in the priority areas and facilitate those needs through available funding and certifications using local, state, and federal programs.

This work will be performed by watershed partners, collaborative efforts and potential contract for services 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	Missouri River Watershed 2020-2021 Implementation Grant	\$5,764.94	\$5,764.94	\$0.00	02/09/2022	N

Actual Results

As of 6/30/2020 no funds have been spent

3rd qtr 2020 - Centrol - 13 hrs @ \$60 =\$780

1/12/2021 - TSA Invoice for \$401.19 Pipestone County 1 project

2nd Qtr 2021 - Centrol - 31 hrs @ \$60 = \$1860.00

Centrol Did 65 walkovers for Rock

5 in pipestone, 2 Murray, 3 in pipestone, 1 in nobles.

Activity Name: MRWP-2020-2021 Structural / Non-Structural BMP's

Activity Category: Agricultural Practices

Staff time?: No

Description: Cost share for the on-the-ground agricultural conservation practices in the priority regions of the 4 subwatershed areas within the Missouri River Watershed based on results of PTMApp modeling and as defined in section 4.3.2, Appendix O, and the targeted implementation schedules for each sub-watershed in section 4.3 of the plan. A local scoring and ranking process will be used for all projects funded by this grant. Projects that don't meet local scoring thresholds will not receive funding or will go the policy committee for additional consideration. The Nobles SWCD will hold the cost share contracts and will use cost share rates and procedures will Follow the local policy established by the MRWP Joint Powers Board.

- The load reductions from the conservation practices installed with the proposed funding is expected to provide the following reductions and (progress for short term (10-year plan) goals/Long Term Goal %) within each region
- An estimated 4 storage and 2.5 filtration structural practices will help meet the goal reductions in the Upper Big Sioux River sub watershed: Sediment - 283 ton (20/-%), Total P – 19 lbs. (2.4/0.83%), Total N – 1,447 lbs. (7.2/2.5%)
- An estimated 42 storage and 32 filtration structural practices will help meet the goal reductions in the Lower Big Sioux River sub watershed: Sediment - 4750 ton (32/7.2%), Total P – 319 lbs. (4.8/0.79%), Total N – 22,045 lbs.(8.8/3.5%)
- An estimated 92 storage and 50 filtration structural practices will help meet the goal reductions in the Rock River sub watershed: Sediment - 9479 ton (27/6.2%), Total P – 602 lbs. (3.4/0.6%), Total N – 44,515 lbs.(6.2/2.1%)
- An estimated 32 storage and 14 filtration structural practices will help meet the goal reductions in the Little Sioux River sub watershed: Sediment - 5632 ton (65/13%), Total P – 416 lbs. (7.4/1.0%), Total N – 31,458 lbs.(11.4/1.9%)

The goals reflect 20% of planned pace of progress and are assumed to include the matching efforts.

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		\$184,000.00	\$127,118.73	\$56,881.27	12/28/2022	Y
Landowner Fund	Missouri River Watershed 2020-2021 Implementation Grant	\$92,000.00	\$313,004.18	(\$221,004.18)	12/28/2022	Y
Current State Grant	Missouri River Watershed 2020-2021 Implementation Grant	\$1,160,023.01	\$1,159,834.29	\$188.72	12/28/2022	N

Actual Results

Project details can be found in the attachment

MRWP Actual Results

As of 6/30/2020 no funds have been spent

FY20-MRWP-03-FINK: Contract Start 7/15/2020 Payment 11/23/20 Total Project \$12,105.64 MRWP \$9,079.23 Landowner \$3,026.41 Total Non-State Match = \$3,026.41

FY20-MRWP-04-VER STEEG: Contract Start 7/15/20 Payment 11/23/20 Total Project \$50,561.84 MRWP \$45,505.48 Landowner \$5,056.16 Total Non-State Match = \$5,056.16

FY20-MRWP-15-VASKE: Contract Start 8/19/2020 Payment 12/21/20 Total Project \$5972.31 EQIP \$3513.26 MRWP \$1861.82 Landowner \$597.23 Total Non-State Match = \$4110.49

FY20-MRWP-21-PAP: Contract Start 9/16/20 Payment 12/28/20 Total Project \$15,679.88 MRWP \$14,111.89 Landowner \$1,567.99 Total Non-State Match = \$1,567.99

FY20-MRWP-22-TOP: Contract Start 9/16/20 Payment 12/28/20 Total Project \$17,920.73 MRWP \$16,127.85 Landowner \$1,792.88 Total Non-State Match = \$1,792.88

FY20-MRWP-06-VER STEEG: Contract Start 7/15/20 Payment 1/20/21 Total Project \$31,198.83 MRWP \$23,399.12 Landowner \$7799.71 Total Non-State Match = \$7799.71

Change in work plan as result of the JPB meeting on 4/13/21 moving \$165,698.78 from Technical to structural BMP's

FY20-MRWP-20-Overgaard: Contract Start 9/16/20 Payment 02/19/21 Total Project \$13,152.13 MRWP \$1,105.56 Landowner \$1,315.22 Total Non-State Match = \$10,731.35

FY20-MRWP-10-Peters: Contract Start 7/15/20 Payment 02/18/21 Total Project \$11,493.61 MRWP \$8,95.20 Landowner \$2,558.41 Total Non-State Match = \$0.00

FY20-MRWP-14-Groenewold: Cancelled Project

Final Indicators		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	542.21	Tons/Yr
Phosphorus (Est. Reduction)	504.36	Lbs/Yr
Soil (Est. Savings)	856.07	Tons/Yr
Nitrogen	1358.79	Lbs/Yr

Activity Action Name: FY20-MRWP-38-SCHEIDT-NOBLESCO				Activity Count: 1
Practice Type: 412 - Grassed Waterway and Swales				Size/Units: 1908 - Linear Feet
TA Provider/JAA: SWCD				Lifespan: 10 Years
Practice Description: Install grass water way to address erosion issue in section 16 Larkin Twp Nobles County at 90% CS 4/15/21 Contract Start				Install Date: 12/09/2022
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	2.09	PTMApp - Priority Resource	Kanaranzi Creek
Phosphorus (Est. Reduction)	Lbs/Yr	0.83	PTMApp - Priority Resource	Kanaranzi Creek
Nitrogen	Lbs/Yr	28.37	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name: FY20-MRWP-46-REESE-NOBLESCO				Activity Count: 3
Practice Type: 412 - Grassed Waterway and Swales				Size/Units: 4399 - Linear Feet
TA Provider/JAA: NRCS				Lifespan: 10 Years
Practice Description: Install grass water way to address erosion issue in section 14 Lismore Twp Nobles County at 90% CS 4/15/21 Contract Start				Install Date: 11/14/2022
				Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	46.95	PTMApp - Priority Resource	Elk Creek
Sediment (Tss)	Tons/Yr	5.86	PTMApp - Priority Resource	Elk Creek
Phosphorus (Est. Reduction)	Lbs/Yr	1.43	PTMApp - Priority Resource	Elk Creek

Activity Action Name:	FY20-MRWP-52-WIENEKE-NOBLES CO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 910 - Linear Feet
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 25 Lismore Twp Nobles County at 90% CS 4/15/21 Contract Start	Install Date: 12/15/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	0.4	PTMApp - Priority Resource	Kanaranzi Creek
Nitrogen	Lbs/Yr	14	PTMApp - Priority Resource	Kanaranzi Creek
Sediment (Tss)	Tons/Yr	0.97	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-45-SCHILLING-NOBLES CO	Activity Count: 5
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 5 - Count
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 16 Little Rock Twp Nobles County at 75% CS 4/15/21 Contract Start	Install Date: 12/07/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	6.72	Bwsr Calc (Gully Stabilization)	tributary to Little Rock Creek
Phosphorus (Est. Reduction)	Lbs/Yr	6.72	Bwsr Calc (Gully Stabilization)	tributary to Little Rock Creek
Soil (Est. Savings)	Tons/Yr	13.43	Bwsr Calc (Gully Stabilization)	tributary to Little Rock Creek

Activity Action Name:	FY20-MRWP-43-BROTHERS-NOBLES CO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2259 - Linear Feet
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 1 Leota Twp Nobles County at 90% CS 4/15/21 Contract Start	Install Date: 10/20/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	1.5	PTMApp - Priority Resource	Upper Champepadan Creek
Nitrogen	Lbs/Yr	18.92	PTMApp - Priority Resource	Upper Champepadan Creek
Phosphorus (Est. Reduction)	Lbs/Yr	0.54	PTMApp - Priority Resource	Upper Champepadan Creek

Activity Action Name:	FY20-MRWP-42-BULLERMAN-NOBLES CO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1400 - Linear Feet
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 24 Lismore Twp Nobles County at 90% CS 4/15/21 Contract Start	Install Date: 08/27/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	10.84	Bwsr Calc (Gully Stabilization)	Tributary to Kanaranzi Creek
Soil (Est. Savings)	Tons/Yr	21.68	Bwsr Calc (Gully Stabilization)	Tributary to Kanaranzi Creek
Phosphorus (Est. Reduction)	Lbs/Yr	10.84	Bwsr Calc (Gully Stabilization)	Tributary to Kanaranzi Creek

Activity Action Name:	FY20-MRWP-41-ELIAS-NOBLESCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 5000 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 2 Westside Twp Nobles County at 90% CS 4/15/21 Contract Start	Install Date: 09/13/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	84	Bwsr Calc (Gully Stabilization)	Kanaranzi Creeik
Sediment (Tss)	Tons/Yr	42	Bwsr Calc (Gully Stabilization)	Kanaranzi Creek
Phosphorus (Est. Reduction)	Lbs/Yr	48.3	Bwsr Calc (Gully Stabilization)	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-39-BRUNS-NOBLESCO	Activity Count: 4
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2800 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 24 Larkin Twp Nobles County at 90% CS 4/15/21 Contract Start	Install Date: 10/03/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	19.03	PTMApp - Priority Resource	Kanaranzi Creek
Phosphorus (Est. Reduction)	Lbs/Yr	0.55	PTMApp - Priority Resource	Kanaranzi Creek
Sediment (Tss)	Tons/Yr	1.36	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-37-VOSS-NOBLESCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 5600 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 9 Larkin Twp Nobles County at 90% CS 4/15/21 Contract Start	Install Date: 06/09/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	8.47	Bwsr Calc (Gully Stabilization)	Kanaranzi Creek/ Rock River
Soil (Est. Savings)	Tons/Yr	49.97	Bwsr Calc (Gully Stabilization)	Kanaranzi Creek/ Rock River
Sediment (Tss)	Tons/Yr	8.74	Bwsr Calc (Gully Stabilization)	Kanaranzi Creek/ Rock River

Activity Action Name:	FY20-MRWP-33-RABENBERG-NOBLESCO	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 water and sediment control basins to address erosion issue in section 23 Larkin Twp Nobles County at 75% CS 4/15/21 Contract Start	Install Date: 12/27/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	98.01	PTMApp - Priority Resource	Kanaranzi Creek
Sediment (Tss)	Tons/Yr	7.17	PTMApp - Priority Resource	Kanaranzi Creek
Phosphorus (Est. Reduction)	Lbs/Yr	4.12	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-34-HARPER-NOBLESCO	Activity Count: 2
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2410 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 23 Larkin Twp Nobles County at 90% CS 4/15/21 Contract Start	Install Date: 11/16/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	1.75	PTMApp - Priority Resource	Kanaranzi Creek
Phosphorus (Est. Reduction)	Lbs/Yr	0.7	PTMApp - Priority Resource	Kanaranzi Creek
Nitrogen	Lbs/Yr	24.06	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-35-HARPER-NOBLESCO	Activity Count: 6
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 6 - Count
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 23 Larkin Twp Nobles County at 75% CS 4/15/21 Contract Start	Install Date: 12/31/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	10.14	PTMApp - Priority Resource	Kanaranzi Creek
Nitrogen	Lbs/Yr	138.28	PTMApp - Priority Resource	Kanaranzi Creek
Phosphorus (Est. Reduction)	Lbs/Yr	5.82	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-36-RABENBERG	Activity Count: 2
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 2 - Count
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 23 Larkin Twp Nobles County at 75% CS 4/15/21 Contract Start	Install Date: 12/31/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	7.04	PTMApp - Priority Resource	Kanaranzi Creek
Phosphorus (Est. Reduction)	Lbs/Yr	4.04	PTMApp - Priority Resource	Kanaranzi Creek
Nitrogen	Lbs/Yr	96.21	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-47-PETERSEN-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1643 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 29 Denver Twp Rock County at 90% CS 4/15/21 Contract Start	Install Date: 12/16/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	3.4	Bwsr Calc (Gully Stabilization)	Beaver Creek
Soil (Est. Savings)	Tons/Yr	6.8	Bwsr Calc (Gully Stabilization)	Beaver Creek
Phosphorus (Est. Reduction)	Lbs/Yr	3.4	Bwsr Calc (Gully Stabilization)	Beaver Creek

Activity Action Name:	FY20-MRWP-48-HOFF-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2800 - Linear Feet
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 17 Clinton Twp Rock County at 90% CS 4/15/21 Contract Start	Install Date: 07/01/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	23.16	Bwsr Calc (Gully Stabilization)	Tributary to Ash Creek
Sediment (Tss)	Tons/Yr	8.11	Bwsr Calc (Gully Stabilization)	Tributary to Ash Creek
Phosphorus (Est. Reduction)	Lbs/Yr	8.11	Bwsr Calc (Gully Stabilization)	Tributary to Ash Creek

Activity Action Name:	FY20-MRWP-49-RHEAULT-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1075 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 17 Clinton Twp Rock County at 90% CS 4/15/21 Contract Start	Install Date: 07/01/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	7.01	Bwsr Calc (Gully Stabilization)	Tributary to Ash Creek
Phosphorus (Est. Reduction)	Lbs/Yr	7.01	Bwsr Calc (Gully Stabilization)	Tributary to Ash Creek
Sediment (Tss)	Tons/Yr	7.01	Bwsr Calc (Gully Stabilization)	Tributary to Ash Creek

Activity Action Name:	FY20-MRWP-50-KOOISTRA-ROCKCO	Activity Count: 3
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2561 - Linear Feet
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 33 Beaver Creek Twp Rock County at 90% CS 4/15/21 Contract Start	Install Date: 12/01/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	15.62	Bwsr Calc (Gully Stabilization)	Beaver Creek
Phosphorus (Est. Reduction)	Lbs/Yr	5.47	Bwsr Calc (Gully Stabilization)	Beaver Creek
Sediment (Tss)	Tons/Yr	5.47	Bwsr Calc (Gully Stabilization)	Beaver Creek

Activity Action Name:	FY20-MRWP-53-PETERSEN-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2642 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 29 Denver Twp Rock County at 90% CS 4/15/21 Contract Start	Install Date: 12/16/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	6.1	Bwsr Calc (Gully Stabilization)	Beaver Creek
Soil (Est. Savings)	Tons/Yr	18.3	Bwsr Calc (Gully Stabilization)	Beaver Creek

Activity Action Name:	FY20-MRWP-55-SYBESMA-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1147 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 29 Denver Twp Rock County at 90% CS 5/19/21 Contract Start	Install Date: 11/17/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	6.06	Bwsr Calc (Gully Stabilization)	Beaver Creek
Phosphorus (Est. Reduction)	Lbs/Yr	2.02	Bwsr Calc (Gully Stabilization)	Beaver Creek

Activity Action Name:	FY20-MRWP-56-LAIS-MURRAYCO	Activity Count: 2
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 2 - Count
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 31 Fenton Twp Murray County at 75% CS 5/19/21 Contract Start	Install Date: 11/12/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	17	Bwsr Calc (Gully Stabilization)	Tributary to Champepadan Creek
Soil (Est. Savings)	Tons/Yr	17	Bwsr Calc (Gully Stabilization)	Tributary to Champepadan Creek
Sediment (Tss)	Tons/Yr	17	Bwsr Calc (Gully Stabilization)	Tributary to Champepadan Creek

Activity Action Name:	FY20-MRWP-28-ROSKAMP-PIPESTONECO	Activity Count: 8
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 8 - Count
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 28 Elmer Twp Murray County at 75% CS 4/15/21 Contract Start	Install Date: 11/02/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	58.39	Bwsr Calc (Gully Stabilization)	Tributary to Poplar Creek
Soil (Est. Savings)	Tons/Yr	58.39	Bwsr Calc (Gully Stabilization)	Tributary to Poplar Creek
Phosphorus (Est. Reduction)	Lbs/Yr	58.39	Bwsr Calc (Gully Stabilization)	Tributary to Poplar Creek

Activity Action Name:	FY20-MRWP-29-ROSKAMP-PIPESTONECO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 3825 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 28 Elmer Twp Rock County at 90% CS 4/15/21 Contract Start	Install Date: 08/04/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	65.62	Bwsr Calc (Gully Stabilization)	Pributary to Poplar Creek
Soil (Est. Savings)	Tons/Yr	65.62	Bwsr Calc (Gully Stabilization)	Tributary to Poplar Creek
Sediment (Tss)	Tons/Yr	65.62	Bwsr Calc (Gully Stabilization)	Tributary to Poplar Creek

Activity Action Name:	FY20-MRWP-31-VANESSEN-PIPESTONECO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2750 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 13 Elmer Twp Rock County at 90% CS 4/15/21 Contract Start	Install Date: 08/31/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	23.46	Bwsr Calc (Gully Stabilization)	Poplar Creek
Phosphorus (Est. Reduction)	Lbs/Yr	23.46	Bwsr Calc (Gully Stabilization)	Poplar Creek
Soil (Est. Savings)	Tons/Yr	23.46	Bwsr Calc (Gully Stabilization)	Poplar Creek

Activity Action Name:	FY20-MRWP-58-WIENEKE-NOBLESCO	Activity Count: 3
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 2 - Count
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install water and sediment basins to address erosion issue in section 25 Lismore Twp Nobles County at 75% CS 4/20/22 Contract Start	Install Date: 12/01/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	46.95	PTMApp - Priority Resource	Kanaranzi Creek
Sediment (Tss)	Tons/Yr	3.41	PTMApp - Priority Resource	Kanaranzi Creek
Phosphorus (Est. Reduction)	Lbs/Yr	1.95	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-59-BULLERMAN-NOBLES CO	Activity Count: 10
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 10 - Count
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install water and sediment basins to address erosion issue in section 25 Lismore Twp Nobles County at 75% CS 4/20/22 Contract Start	Install Date: 12/09/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	8.72	PTMApp - Priority Resource	Kanaranzi Creek
Sediment (Tss)	Tons/Yr	15.16	PTMApp - Priority Resource	Kanaranzi Creek
Nitrogen	Lbs/Yr	206.6	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-61-Hamilton C	Activity Count: 3
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 3 - Count
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 21 Larkin Twp Nobles County at 75% CS 9/21/22 Contract Start	Install Date: 11/17/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	90.46	PTMApp - Priority Resource	Kanaranzi Creek
Phosphorus (Est. Reduction)	Lbs/Yr	3.8	PTMApp - Priority Resource	Kanaranzi Creek
Sediment (Tss)	Tons/Yr	6.62	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-01-DROST-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1600 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 18 Kanaranzi Twp Rock County at 90% CS 7/15/20 Contract Start	Install Date: 08/03/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	2.13	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Sediment (Tss)	Tons/Yr	0.74	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Phosphorus (Est. Reduction)	Lbs/Yr	0.74	Bwsr Calc (Gully Stabilization)	Tributary to Rock River

Activity Action Name:	FY20-MRWP-02-ROLLAG-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2545 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 16 Martin Twp Rock County at 75% CS 7/15/20 Contract Start	Install Date: 05/13/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	11.05	Bwsr Calc (Gully Stabilization)	Mud Creek/ Rock
Phosphorus (Est. Reduction)	Lbs/Yr	11.05	Bwsr Calc (Filter Strip)	Mud Creek/ Rock
Soil (Est. Savings)	Tons/Yr	22.1	Bwsr Calc (Gully Stabilization)	Mud Creek/ Rock

Activity Action Name:	FY20-MRWP-03-FICK-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1650 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 5 Luverne Twp Rock County at 75% CS 7/15/20 Contract Start	Install Date: 09/08/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	1	Bwsr Calc (Gully Stabilization)	Tributary to Little Beaver Creek
Soil (Est. Savings)	Tons/Yr	2.87	Bwsr Calc (Gully Stabilization)	Tributary to Little Beaver Creek
Phosphorus (Est. Reduction)	Lbs/Yr	1	Bwsr Calc (Gully Stabilization)	Tributary to Little Beaver Creek

Activity Action Name:	FY20-MRWP-04-VERSTEEG-ROCKCO	Activity Count: 3
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 5400 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 2 Beaver Creek Twp Rock County at 90% CS 11/18/20 Contract Start	Install Date: 08/17/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	8.73	Bwsr Calc (Gully Stabilization)	Tributary to Beaver Creek
Sediment (Tss)	Tons/Yr	3.06	Bwsr Calc (Gully Stabilization)	Tributary to Beaver Creek
Phosphorus (Est. Reduction)	Lbs/Yr	3.06	Bwsr Calc (Gully Stabilization)	Tributary to Beaver Creek

Activity Action Name:	FY20-MRWP-05-VERSTEEG-ROCKCO	Activity Count: 2
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 4580 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 3 Beaver Creek Twp Rock County at 75% CS 7/15/20 Contract Start	Install Date: 06/09/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	8.26	Bwsr Calc (Gully Stabilization)	Beaver Creek / Rock River
Sediment (Tss)	Tons/Yr	8.26	Bwsr Calc (Gully Stabilization)	Beaver Creek/ Rock River
Soil (Est. Savings)	Tons/Yr	56.1	Bwsr Calc (Gully Stabilization)	Beaver Creek/ Rock River

Activity Action Name:	FY20-MRWP-06-VERSTEEG-ROCKCO	Activity Count: 6
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 6 - Count
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 3 Beaver Creek Twp Rock County at 75% CS 7/15/20 Contract Start	Install Date: 11/23/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	6.67	Bwsr Calc (Gully Stabilization)	Beaver Creek
Soil (Est. Savings)	Tons/Yr	13.35	Bwsr Calc (Gully Stabilization)	Beaver Creek
Phosphorus (Est. Reduction)	Lbs/Yr	6.67	Bwsr Calc (Gully Stabilization)	Beaver Creek

Activity Action Name:	FY20-MRWP-07-FUERSTENBERG-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1025 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 32 Vienna Twp Rock County at 90% CS 7/15/20 Contract Start	Install Date: 07/08/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	7.78	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Phosphorus (Est. Reduction)	Lbs/Yr	2.72	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Sediment (Tss)	Tons/Yr	2.72	Bwsr Calc (Gully Stabilization)	Tributary to Rock River

Activity Action Name:	FY20-MRWP-08-FUERSTENBERG-ROCKCO	Activity Count: 3
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 3 - Count
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 32 Vienna Twp Rock County at 75% CS 7/15/20 Contract Start	Install Date: 10/07/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	2.79	Bwsr Calc (Gully Stabilization)	Rock River
Phosphorus (Est. Reduction)	Lbs/Yr	2.79	Bwsr Calc (Gully Stabilization)	Rock River
Soil (Est. Savings)	Tons/Yr	7.97	Bwsr Calc (Gully Stabilization)	Rock River

Activity Action Name:	FY20-MRWP-09-VANHILL-ROCKCO	Activity Count: 2
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2125 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 3 Beaver Creek Twp Rock County at 75% CS 7/15/20 Contract Start	Install Date: 06/09/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	32.3	Bwsr Calc (Gully Stabilization)	Beaver Creek/ Rock
Sediment (Tss)	Tons/Yr	4.8	Bwsr Calc (Gully Stabilization)	Beaver Creek/ Rock
Phosphorus (Est. Reduction)	Lbs/Yr	4.8	Bwsr Calc (Gully Stabilization)	Beaver Creek/ Rock

Activity Action Name:	FY20-MRWP-10-PETERS-JACKSONCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1136 - Linear Feet
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 27 Rost Twp Jackson County at 90% CS 7/15/20 Contract Start	Install Date: 02/16/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	16.32	Bwsr Calc (Gully Stabilization)	Little Sioux River
Phosphorus (Est. Reduction)	Lbs/Yr	5.71	Bwsr Calc (Gully Stabilization)	Little Sioux River
Sediment (Tss)	Tons/Yr	5.71	Bwsr Calc (Gully Stabilization)	Little Sioux River

Activity Action Name:	FY20-MRWP-11-RAAK-PIPESTONECO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1070 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 22 Elmer Twp Pipestone County at 90% CS 7/29/20 Contract Start	Install Date: 09/08/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	20.09	Bwsr Calc (Gully Stabilization)	Tributary to Poplar Creek
Sediment (Tss)	Tons/Yr	10.05	Bwsr Calc (Gully Stabilization)	Tributary to Poplar Creek
Phosphorus (Est. Reduction)	Lbs/Yr	10.05	Bwsr Calc (Gully Stabilization)	Tributary to Poplar Creek

Activity Action Name:	FY20-MRWP-13-LAIS-MURRAYCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 3030 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 31 Fenton Twp Murray County at 90% CS 7/29/20 Contract Start	Install Date: 09/08/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	21.25	Bwsr Calc (Gully Stabilization)	Tributary to Champepadan Creek
Phosphorus (Est. Reduction)	Lbs/Yr	21.25	Bwsr Calc (Gully Stabilization)	Tributary to Champepadan Creek
Sediment (Tss)	Tons/Yr	21.25	Bwsr Calc (Gully Stabilization)	Tributary to Champepadan Creek

Activity Action Name:	FY20-MRWP-15-VASKE-NOBLESKO	Activity Count: 2
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 2 - Count
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 9 Wilmont Twp Nobles County at 75% CS 8/19/20 Contract Start	Install Date: 11/09/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	3.6	Rusle2 (Updated)	tributary to Champepadan Creek
Sediment (Tss)	Tons/Yr	1.1	Bwsr Calc (Gully Stabilization)	tributary to Champepadan Creek
Phosphorus (Est. Reduction)	Lbs/Yr	1.1	Bwsr Calc (Gully Stabilization)	tributary to Champepadan Creek

Activity Action Name:	FY20-MRWP-16-Zwaan-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1350 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 14 Clinton Twp Rock County at 90% CS 8/19/20 Contract Start	Install Date: 06/14/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	3.19	Bwsr Calc (Gully Stabilization)	Ash Creek/ Rock River
Soil (Est. Savings)	Tons/Yr	3.19	Bwsr Calc (Gully Stabilization)	Ash Creek/ Rock River
Sediment (Tss)	Tons/Yr	3.19	Bwsr Calc (Gully Stabilization)	Ash Creek/ Rock River

Activity Action Name:	FY20-MRWP-17-BULLERMAN-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2980 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 14 Denver Twp Rock County at 90% CS 9/16/20 Contract Start	Install Date: 09/10/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	4.46	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Soil (Est. Savings)	Tons/Yr	25.55	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Phosphorus (Est. Reduction)	Lbs/Yr	4.46	Bwsr Calc (Gully Stabilization)	Tributary to Rock River

Activity Action Name:	FY20-MRWP-18-BULLERMAN-ROCKCO	Activity Count: 7
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 7 - Count
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 14 Denver Twp Rock County at 75% CS 9/16/20 Contract Start	Install Date: 11/17/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	8.93	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Phosphorus (Est. Reduction)	Lbs/Yr	8.93	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Soil (Est. Savings)	Tons/Yr	51	Bwsr Calc (Gully Stabilization)	tributary to Rock River

Activity Action Name:	FY20-MRWP-20-OVERGAARD-ROCKCO	Activity Count: 2
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 2 - Count
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 4 Kanaranzi Twp Rock County at 75% CS 9/16/20 Contract Start	Install Date: 02/16/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	6.53	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Soil (Est. Savings)	Tons/Yr	18.65	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Phosphorus (Est. Reduction)	Lbs/Yr	6.53	Bwsr Calc (Gully Stabilization)	Tributary to Rock River

Activity Action Name:	FY20-MRWP-21-PAP-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1350 - Linear Feet
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 36 Springwater Twp Rock County at 90% CS 9/16/20 Contract Start	Install Date: 11/09/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.67	Bwsr Calc (Gully Stabilization)	Tributary to Beaver Creek
Soil (Est. Savings)	Tons/Yr	3.83	Bwsr Calc (Gully Stabilization)	Tributary to Beaver Creek
Phosphorus (Est. Reduction)	Lbs/Yr	0.67	Bwsr Calc (Gully Stabilization)	Tributary to Beaver Creek

Activity Action Name:	FY20-MRWP-22-TOP-ROCKCO	Activity Count: 3
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 3 - Count
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 36 Springwater Twp Rock County at 90% CS 9/16/20 Contract Start	Install Date: 10/19/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	3.4	Bwsr Calc (Gully Stabilization)	Beaver Creek
Phosphorus (Est. Reduction)	Lbs/Yr	1.19	Bwsr Calc (Gully Stabilization)	Beaver Creek
Sediment (Tss)	Tons/Yr	1.19	Bwsr Calc (Gully Stabilization)	Beaver Creek

Activity Action Name:	FY20-MRWP-23-BLANKERS-PIPESTONECO	Activity Count: 3
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1883 - Linear Feet
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install grass water way and basin to address erosion issue in section 17 Rock Twp Pipestone County at 75% CS 11/18/20 Contract Start	Install Date: 06/16/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	33.46	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Phosphorus (Est. Reduction)	Lbs/Yr	33.46	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Soil (Est. Savings)	Tons/Yr	33.46	Bwsr Calc (Gully Stabilization)	Tributary to Rock River

Activity Action Name:	FY20-MRWP-24-FINK/BODY-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2075 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 11 Beaver Creek Twp Rock County at 90% CS 12/23/20 Contract Start	Install Date: 05/01/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	1.41	Bwsr Calc (Gully Stabilization)	Beaver Creek
Soil (Est. Savings)	Tons/Yr	8.08	Bwsr Calc (Gully Stabilization)	Beaver Creek
Sediment (Tss)	Tons/Yr	1.41	Bwsr Calc (Gully Stabilization)	Beaver Creek

Activity Action Name:	FY20-MRWP-25-BEYENHOF-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1710 - Linear Feet
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 11 Beaver Creek Twp Rock County at 90% CS 12/23/20 Contract Start	Install Date: 05/01/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	1.26	Bwsr Calc (Gully Stabilization)	Beaver Creek
Soil (Est. Savings)	Tons/Yr	7.23	Bwsr Calc (Gully Stabilization)	Beaver Creek
Sediment (Tss)	Tons/Yr	1.26	Bwsr Calc (Gully Stabilization)	Beaver Creek

Activity Action Name:	FY20-MRWP-26-BINFORD-ROCKCO	Activity Count: 5
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 4 - Count
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 21 Vienna Twp Rock County at 75% CS 12/23/20 Contract Start	Install Date: 11/16/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	4.94	PTMApp - Priority Resource	Lower Champepadan Creek
Sediment (Tss)	Tons/Yr	6.74	PTMApp - Priority Resource	Lower Champepadan Creek
Nitrogen	Lbs/Yr	117.69	PTMApp - Priority Resource	Lower Champepadan Creek

Activity Action Name:	FY20-MRWP-27-BINFORD-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 605 - Linear Feet
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 21 Vienna Twp Rock County at 90% CS 12/23/20 Contract Start	Install Date: 12/06/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	0.3	PTMApp - Priority Resource	Champepadan Creek
Sediment (Tss)	Tons/Yr	0.55	PTMApp - Priority Resource	Champepadan Creek
Nitrogen	Lbs/Yr	10.94	PTMApp - Priority Resource	Champepadan Creek

Activity Action Name:	FY22-MRWP-13-Feikema	Activity Count: 1
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 1 - Count
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	Install WSCB to fix erosion issue	Install Date: 11/23/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	24.14	Bwsr Calc (Gully Stabilization)	Little Beaver Creek
Phosphorus (Est. Reduction)	Lbs/Yr	12.07	Bwsr Calc (Gully Stabilization)	Little Beaver Creek
Sediment (Tss)	Tons/Yr	12.07	Bwsr Calc (Gully Stabilization)	Little Beaver Creek

Activity Action Name:	FY22-MRWP-14-Versteeg	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1410 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install waterway to fix erosion issue	Install Date: 11/02/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	19.71	PTMApp - Priority Resource	Rock River
Sediment (Tss)	Tons/Yr	1.32	PTMApp - Priority Resource	Rock River
Phosphorus (Est. Reduction)	Lbs/Yr	0.55	PTMApp - Priority Resource	Rock River

Activity Action Name:	FY20-MRWP-44-DEKAM-NOBLESKO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2530 - Linear Feet
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 3 Leota Twp Nobles County at 90% CS 4/15/21 Contract Start	Install Date: 10/20/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	0.56	PTMApp - Priority Resource	Upper Champepadan Creek
Nitrogen	Lbs/Yr	19.54	PTMApp - Priority Resource	Upper Champepadan Creek
Sediment (Tss)	Tons/Yr	1.08	PTMApp - Priority Resource	Upper Champepadan Creek

Activity Action Name:	FY20-MRWP-30-VANESSEN-PIPESTONECO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 1400 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 22 Elmer Twp Rock County at 90% CS 4/15/21 Contract Start	Install Date: 08/31/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	23.12	Bwsr Calc (Gully Stabilization)	Tributary to Poplar Creek
Soil (Est. Savings)	Tons/Yr	46.24	Bwsr Calc (Gully Stabilization)	Tributary to Poplar Creek
Phosphorus (Est. Reduction)	Lbs/Yr	23.12	Bwsr Calc (Gully Stabilization)	Tributary to Poplar Creek

Activity Action Name:	FY20-MRWP-19-OVERGAARD-ROCKCO	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2150 - Linear Feet
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 4 Kanaranzi Twp Rock County at 90% CS 9/16/20 Contract Start	Install Date: 05/14/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	4.3	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Soil (Est. Savings)	Tons/Yr	12.27	Bwsr Calc (Gully Stabilization)	Tributary to Rock River
Phosphorus (Est. Reduction)	Lbs/Yr	4.3	Bwsr Calc (Gully Stabilization)	Tributary to Rock River

Activity Action Name:	FY20-MRWP-54-DRENTN-NOBLESCO	Activity Count: 8
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 8 - Count
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 22 Grand Prairie Twp Nobles County at 75% CS 4/15/21 Contract Start	Install Date: 05/31/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	8.32	PTMApp - Priority Resource	Kanaranzi Creek
Nitrogen	Lbs/Yr	197.25	PTMApp - Priority Resource	Kanaranzi Creek
Sediment (Tss)	Tons/Yr	14.48	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-32-RABENBERG-NOBLES	Activity Count: 2
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2950 - Linear Feet
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 23 Larkin Twp Nobles County at 90% CS 4/15/21 Contract Start	Install Date: 11/16/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	31.96	PTMApp - Priority Resource	Kanaranzi Creek
Sediment (Tss)	Tons/Yr	2.37	PTMApp - Priority Resource	Kanaranzi Creek
Phosphorus (Est. Reduction)	Lbs/Yr	0.94	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-57-AHRENS	Activity Count: 1
Practice Type:	412 - Grassed Waterway and Swales	Size/Units: 2972 - Linear Feet
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 10 Burke Twp Pipestone County at 90% CS 3/22/22 Contract Start	Install Date: 08/26/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	34.77	PTMApp - Priority Resource	Rock River
Phosphorus (Est. Reduction)	Lbs/Yr	0.99	PTMApp - Priority Resource	Rock River
Sediment (Tss)	Tons/Yr	2.74	PTMApp - Priority Resource	Rock River

Activity Action Name:	FY20-MRWP-60-HamiltonB	Activity Count: 4
Practice Type:	638 - Water and Sediment Control Basin	Size/Units: 4 - Count
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install water and sediment control basins to address erosion issue in section 21 Larkin Twp Nobles County at 75% CS 9/21/22 Contract Start	Install Date: 11/17/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	4.16	PTMApp - Priority Resource	Kanaranzi Creek
Nitrogen	Lbs/Yr	99.09	PTMApp - Priority Resource	Kanaranzi Creek
Sediment (Tss)	Tons/Yr	7.25	PTMApp - Priority Resource	Kanaranzi Creek

Activity Action Name:	FY20-MRWP-12-HULSTEIN-PIPESTONECO	Activity Count: 0
Practice Type:	412 - Grassed Waterway and Swales	Size/Units:
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	cancelled	Install Date:
		Mapped: No

Activity Action Name:	FY20-MRWP-14-GROENEWOLD-NOBLESCO	Activity Count: 0
Practice Type:	412 - Grassed Waterway and Swales	Size/Units:
TA Provider/JAA:	NRCS	Lifespan: 10 Years
Practice Description:	Install grass water way to address erosion issue in section 12 Little Rock Twp Nobles County at 90% CS 8/19/20 Contract Start 3/17/21 - Project Canceled	Install Date:
		Mapped: No

Activity Action Name:	FY20-MRWP-51-KOOISTRA-ROCKCO	Activity Count: 0
Practice Type:	340 - Cover Crop	Size/Units:
TA Provider/JAA:	NRCS	Lifespan: 3 Years
Practice Description:	Install cover crop to address erosion issues in sction 33 Beaver Creek Twp Rock County at \$42.29 per acre for 25 acres contract start 4/15/21 Cancelled	Install Date:
		Mapped: No

Activity Name: MRWP-2020-2021 Technical Assistance

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Billable rate for technical staff working on BMP activities associated with technical site assessment, surveys, preliminary analysis and design, final design, construction supervision, installation, inspection, and completion of projects funded by this grant.

A majority of this will be technical staff time from the local SWCD with appropriate JAA. Staff credentials can be viewed at their respective offices. If JAA is not available TSA or NRCS engineering assistance or private engineering having appropriate credentials for practice investigation, design, and construction will be utilized. All practice will follow the NRCS Field Office Technical Guide (FOTG) or follow professionally accepted engineering or ecological practice methods.

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	Missouri River Watershed 2020-2021 Implementation Grant	\$55,000.00	\$55,099.63	(\$99.63)	06/30/2022	N

As of 6/30/2020 no funds have been spent

10/1/2020 - TSA Invoice for \$84.05

2 projects

10/21/2020 - Centrol Invoice for \$5700.00

95 hours @ \$60

10/21/2020 - TSA Invoice for \$2845.56 Rock County 8 projects

1/12/2021 - TSA Invoice for \$4305.94 Rock County 9 projects

Change in work plan as result of the JPB meeting on 4/13/21 moving \$165,698.78 from Technical to structural BMP's

Actual Results

7/1/21 - Centrol Invoice Qtr 2 (2021) 61hrs @\$60 = \$3660.00

10/5/21 - TSA Invoice Qtr 3 (2021) \$7,024.15

5 projects

2021 SWCD Hours

District Tech

132hrs @ \$44.47/hr = \$5,870.04

79hrs @ \$47.16/hr = \$3,725.64

114hrs@\$47.16/hr= \$5,376.24

2021 Total hrs = \$14,971.92

2022 SWCD Hours

District tech = 5hrs @ 54.04 \$270.20

7/1/2022 TSA Bill \$435.83 Rock Co 1 project