



Grant All-Detail Report

Watershed Based Implementation Phase II 2020

Grant Title - Missouri River Watershed 2020-2021 Implementation Grant

Grant ID - C20-9893

Organization - Nobles SWCD

Original Awarded Amount	\$1,320,445.00	Grant Execution Date	5/26/2020
Required Match Amount	\$132,044.50	Original Grant End Date	12/31/2022
Required Match %	10%	Grant Day To Day Contact	John Shea
Current Awarded Amount	\$1,320,445.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$1,320,445.00	\$147,532.22	\$1,172,912.78
Total Match Amount	\$276,000.00	\$23,730.04	\$252,269.96
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$1,596,445.00	\$171,262.26	\$1,425,182.74

**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	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
MRWP-2020-2021 Administration	Administration /Coordination	Current State Grant	Missouri River Watershed 2020-2021 Implementation Grant	\$90,000.00	\$19,042.47	12/31/2020	N
MRWP-2020-2021 Project Development	Project Development	Current State Grant	Missouri River Watershed 2020-2021 Implementation Grant	\$40,000.00	\$1,181.19	1/12/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
MRWP-2020-2021 Structural / Non-Structural BMP's	Agricultural Practices	Current State Grant	Missouri River Watershed 2020-2021 Implementation Grant	\$930,000.00	\$114,373.01	1/20/2021	N
MRWP-2020-2021 Structural / Non-Structural BMP's	Agricultural Practices	Federal Funds		\$184,000.00	\$3,513.26	12/23/2020	Y
MRWP-2020-2021 Structural / Non-Structural BMP's	Agricultural Practices	Landowner Fund	Missouri River Watershed 2020-2021 Implementation Grant	\$92,000.00	\$20,216.78	1/20/2021	Y
MRWP-2020-2021 Technical Assistance	Technical/Engineering Assistance	Current State Grant	Missouri River Watershed 2020-2021 Implementation Grant	\$260,445.00	\$12,935.55	1/12/2021	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	1		1350 LINEAR FEET	LINEAR FEET
412 - Grassed Waterway and Swales	3	3	5400 LINEAR FEET	5400 LINEAR FEET
412 - Grassed Waterway and Swales	1		2075 LINEAR FEET	LINEAR FEET
412 - Grassed Waterway and Swales	1	1	1650 LINEAR FEET	1650 LINEAR FEET
638 - Water and Sediment Control Basin	3	3	3 COUNT	3 COUNT
638 - Water and Sediment Control Basin	6	6	6 COUNT	6 COUNT
638 - Water and Sediment Control Basin	2		2 COUNT	COUNT
412 - Grassed Waterway and Swales	1		605 LINEAR FEET	LINEAR FEET
412 - Grassed Waterway and Swales	3		1883 LINEAR FEET	LINEAR FEET
412 - Grassed Waterway and Swales	1		1136 LINEAR FEET	LINEAR FEET
412 - Grassed Waterway and Swales	1		3186 LINEAR FEET	LINEAR FEET

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	2	2	2 COUNT	2 COUNT
412 - Grassed Waterway and Swales	1		3030 LINEAR FEET	LINEAR FEET
412 - Grassed Waterway and Swales	1		1050 LINEAR FEET	LINEAR FEET
412 - Grassed Waterway and Swales	1	1	1070 LINEAR FEET	1070 LINEAR FEET
412 - Grassed Waterway and Swales	1		2125 LINEAR FEET	LINEAR FEET
638 - Water and Sediment Control Basin	5		5 COUNT	COUNT
412 - Grassed Waterway and Swales	1		1710 LINEAR FEET	LINEAR FEET
412 - Grassed Waterway and Swales	1		2300 LINEAR FEET	LINEAR FEET
412 - Grassed Waterway and Swales	2		3000 LINEAR FEET	LINEAR FEET
638 - Water and Sediment Control Basin	7		7 COUNT	COUNT
412 - Grassed Waterway and Swales	1		2110 LINEAR FEET	LINEAR FEET
412 - Grassed Waterway and Swales	1		1600 LINEAR FEET	LINEAR FEET
412 - Grassed Waterway and Swales	1	1	1 LINEAR FEET	1350 LINEAR FEET
412 - Grassed Waterway and Swales	1		2545 LINEAR FEET	LINEAR FEET
638 - Water and Sediment Control Basin	3		3 COUNT	COUNT
412 - Grassed Waterway and Swales	2		4580 LINEAR FEET	LINEAR FEET

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
MRWP-2020-2021 Structural / Non-Structural BMP's	PHOSPHORUS (EST. REDUCTION)	1356 LBS/YR	Missouri River Basin	Other	PTMapp
MRWP-2020-2021 Structural / Non-Structural BMP's	NUTRIENTS (NITRATE)	99465 LBS/YR	Missouri River Basin	Other	PTMapp

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
MRWP-2020-2021 Structural / Non-Structural BMP's	SEDIMENT (TSS)	20144 TONS/YR	Missouri River Basin	Other	PTMapp

Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	23.74	TONS/YR
SOIL (EST. SAVINGS)	55.87	TONS/YR
PHOSPHORUS (EST. REDUCTION)	23.74	LBS/YR

Grant Activity

Grant Activity - MRWP-2020-2021 Administration

Description	<p>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.</p> <p>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.</p>		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jul-20	End Date	
Has Rates and Hours?	Yes		
Actual Results	<p>As of 6/30/2020 no funds have been spent</p> <p>12/31/2020 District Manager 286 hours @ \$52.45= \$15000.70.</p> <p>12/31/2020 Admin Assistant 94.50 hours @ \$42.77= \$4041.77</p> <p>Total \$19042.47</p>		

Grant Activity - MRWP-2020-2021 Project Development

<p>Description</p>	<p>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.</p> <p>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.</p> <p>This work will be performed by watershed partners, collaborative efforts and potential contract for services as needed.</p>	
<p>Category</p>	<p>PROJECT DEVELOPMENT</p>	
<p>Start Date</p>	<p>1-Jul-20</p>	<p>End Date</p>
<p>Has Rates and Hours?</p>	<p>Yes</p>	
<p>Actual Results</p>	<p>As of 6/30/2020 no funds have been spent</p> <p>3rd qtr 2020 - Centrol - 13 hrs @ \$60 = \$780</p> <p>1/12/2021 - TSA Invoice for \$401.19 Pipestone County 1 project</p>	

Grant Activity - MRWP-2020-2021 Structural / Non-Structural BMP's

Description	<p>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.</p> <ul style="list-style-type: none"> - 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%) <p>The goals reflect 20% of planned pace of progress and are assumed to include the matching efforts.</p>		
Category	AGRICULTURAL PRACTICES		
Start Date	4-Jun-20	End Date	
Has Rates and Hours?	No		
Actual Results	<p>Project details can be found in the attachment MRWP Actual Results As of 6/30/2020 no funds have been spent</p> <p>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</p> <p>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</p>		

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

Activity Action - FY20-MRWP-01-DROST-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Install grass water way to address erosion issue in section 18 Kanaranzi Twp Rock County at 90% CS 7/15/20 Contract Start		
Proposed Size / Units	1,600.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-02-ROLLAG-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Install grass water way to address erosion issue in section 16 Martin Twp Rock County at 75% CS 7/15/20 Contract Start		
Proposed Size / Units	2,545.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-03-FICK-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Install grass water way to address erosion issue in section 5 Luverne Twp Rock County at 75% CS 7/15/20 Contract Start		
Proposed Size / Units	1,650.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,650.00 LINEAR FEET	Installed Date	8-Sep-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	TSA

Final Indicator for FY20-MRWP-03-FICK-ROCKCO			
Indicator Name	SEDIMENT (TSS)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Little Beaver Creek		
Final Indicator for FY20-MRWP-03-FICK-ROCKCO			
Indicator Name	SOIL (EST. SAVINGS)	Value	2.87
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Little Beaver Creek		
Final Indicator for FY20-MRWP-03-FICK-ROCKCO			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Little Beaver Creek		

Activity Action - FY20-MRWP-04-VERSTEEG-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	3
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		
Proposed Size / Units	5,400.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	5,400.00 LINEAR FEET	Installed Date	17-Aug-20
Mapped Activities	3 Polygon(s)	Technical Assistance Provider	TSA

Final Indicator for FY20-MRWP-04-VERSTEEG-ROCKCO

Indicator Name	SEDIMENT (TSS)	Value	3.06
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Beaver Creek		

Final Indicator for FY20-MRWP-04-VERSTEEG-ROCKCO

Indicator Name	SOIL (EST. SAVINGS)	Value	8.73
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Beaver Creek		

Final Indicator for FY20-MRWP-04-VERSTEEG-ROCKCO

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.06
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Beaver Creek		

Activity Action - FY20-MRWP-05-VERSTEEG-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	2
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		
Proposed Size / Units	4,580.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-06-VERSTEEG-ROCKCO			
Practice	638 - Water and Sediment Control Basin	Count of Activities	6
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		
Proposed Size / Units	6.00 COUNT	Lifespan	10 Years
Actual Size/Units	6.00 COUNT	Installed Date	23-Nov-20
Mapped Activities	6 Point(s)	Technical Assistance Provider	TSA

Final Indicator for FY20-MRWP-06-VERSTEEG-ROCKCO

Indicator Name	SEDIMENT (TSS)	Value	6.67
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Beaver Creek		

Final Indicator for FY20-MRWP-06-VERSTEEG-ROCKCO

Indicator Name	SOIL (EST. SAVINGS)	Value	13.35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Beaver Creek		

Final Indicator for FY20-MRWP-06-VERSTEEG-ROCKCO

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6.67
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Beaver Creek		

Activity Action - FY20-MRWP-07-FUERSTENBERG-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Install grass water way to address erosion issue in section 32 Vienna Twp Rock County at 90% CS 7/15/20 Contract Start		
Proposed Size / Units	1,050.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-08-FUERSTENBERG-ROCKCO			
Practice	638 - Water and Sediment Control Basin	Count of Activities	3
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		
Proposed Size / Units	3.00 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-09-VANHILL-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
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		
Proposed Size / Units	2,125.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-10-PETERS-JACKSONCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Install grass water way to address erosion issue in section 27 Rost Twp Jackson County at 90% CS 7/15/20 Contract Start		
Proposed Size / Units	1,136.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	NRCS

Activity Action - FY20-MRWP-11-RAAK-PIPESTONECO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Install grass water way to address erosion issue in section 22 Elmer Twp Pipestone County at 90% CS 7/29/20 Contract Start		
Proposed Size / Units	1,070.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,070.00 LINEAR FEET	Installed Date	8-Sep-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	TSA

Final Indicator for FY20-MRWP-11-RAAK-PIPESTONECO

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Poplar Creek		

Final Indicator for FY20-MRWP-11-RAAK-PIPESTONECO

Indicator Name	SOIL (EST. SAVINGS)	Value	20.09
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Poplar Creek		

Final Indicator for FY20-MRWP-11-RAAK-PIPESTONECO

Indicator Name	SEDIMENT (TSS)	Value	10.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Poplar Creek		

Activity Action - FY20-MRWP-12-HULSTEIN-PIPESTONECO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Install grass water way to address erosion issue in section 34 Elmer Twp Pipestone County at 90% CS 7/29/20 Contract Start		
Proposed Size / Units	3,186.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-13-LAIS-MURRAYCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Install grass water way to address erosion issue in section 31 Fenton Twp Murray County at 90% CS 7/29/20 Contract Start		
Proposed Size / Units	3,030.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-14-GROENEWOLD-NOBLESCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
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		
Proposed Size / Units	2,300.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	NRCS

Activity Action - FY20-MRWP-15-VASKE-NOBLESCO			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
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		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	9-Nov-20
Mapped Activities	2 Point(s)	Technical Assistance Provider	NRCS

Final Indicator for FY20-MRWP-15-VASKE-NOBLESCO			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	tributary to Champepadan Creek		

Final Indicator for FY20-MRWP-15-VASKE-NOBLESCO			
Indicator Name	SOIL (EST. SAVINGS)	Value	3.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	tributary to Champepadan Creek		
Final Indicator for FY20-MRWP-15-VASKE-NOBLESCO			
Indicator Name	SEDIMENT (TSS)	Value	1.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	tributary to Champepadan Creek		

Activity Action - FY20-MRWP-16-Zwaan-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Install grass water way to address erosion issue in section 14 Clinton Twp Rock County at 90% CS 8/19/20 Contract Start		
Proposed Size / Units	1,350.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-17-BULLERMAN-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	2
Description	Install grass water way to address erosion issue in section 14 Denver Twp Rock County at 90% CS 9/16/20 Contract Start		
Proposed Size / Units	3,000.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-18-BULLERMAN-ROCKCO			
Practice	638 - Water and Sediment Control Basin	Count of Activities	7
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		
Proposed Size / Units	7.00 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-19-OVERGAARD-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Install grass water way to address erosion issue in section 4 Kanaranzi Twp Rock County at 90% CS 9/16/20 Contract Start		
Proposed Size / Units	2,110.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	NRCS

Activity Action - FY20-MRWP-20-OVERGAARD-ROCKCO			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
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		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	No	Technical Assistance Provider	NRCS

Activity Action - FY20-MRWP-21-PAP-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
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		
Proposed Size / Units	1.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,350.00 LINEAR FEET	Installed Date	9-Nov-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	NRCS

Final Indicator for FY20-MRWP-21-PAP-ROCKCO

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.67
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Beaver Creek		

Final Indicator for FY20-MRWP-21-PAP-ROCKCO

Indicator Name	SEDIMENT (TSS)	Value	.67
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Beaver Creek		

Final Indicator for FY20-MRWP-21-PAP-ROCKCO

Indicator Name	SOIL (EST. SAVINGS)	Value	3.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Beaver Creek		

Activity Action - FY20-MRWP-22-TOP-ROCKCO			
Practice	638 - Water and Sediment Control Basin	Count of Activities	3
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		
Proposed Size / Units	3.00 COUNT	Lifespan	10 Years
Actual Size/Units	3.00 COUNT	Installed Date	19-Oct-20
Mapped Activities	3 Point(s)	Technical Assistance Provider	NRCS

Final Indicator for FY20-MRWP-22-TOP-ROCKCO

Indicator Name	SEDIMENT (TSS)	Value	1.19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)

Waterbody	Beaver Creek		
Final Indicator for FY20-MRWP-22-TOP-ROCKCO			
Indicator Name	SOIL (EST. SAVINGS)	Value	3.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Beaver Creek		
Final Indicator for FY20-MRWP-22-TOP-ROCKCO			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Beaver Creek		

Activity Action - FY20-MRWP-23-BLANKERS-PIPESTONECO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	3
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		
Proposed Size / Units	1,883.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	NRCS

Activity Action - FY20-MRWP-24-FINK/BODY-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
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		
Proposed Size / Units	2,075.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-25-BEYENHOF-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
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		
Proposed Size / Units	1,710.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - FY20-MRWP-26-BINFORD-ROCKCO			
Practice	638 - Water and Sediment Control Basin	Count of Activities	5
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		
Proposed Size / Units	5.00 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	No	Technical Assistance Provider	NRCS

Activity Action - FY20-MRWP-27-BINFORD-ROCKCO			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Install grass water way to address erosion issue in section 21 Vienna Twp Rock County at 90% CS 12/23/20 Contract Start		
Proposed Size / Units	605.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No	Technical Assistance Provider	NRCS

Grant Activity - MRWP-2020-2021 Technical Assistance

Description	<p>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.</p> <p>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.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Oct-20	End Date	
Has Rates and Hours?	Yes		
Actual Results	<p>As of 6/30/2020 no funds have been spent</p> <p>10/1/2020 - TSA Invoice for \$84.05 2 projects</p> <p>10/21/2020 - Centrol Invoice for \$5700.00 95 hours @ \$60</p> <p>10/21/2020 - TSA Invoice for \$2845.56 Rock County 8 projects</p> <p>1/12/2021 - TSA Invoice for \$4305.94 Rock County 9 projects</p>		

Grant Attachments

Document Name	Document Type	Description
2020 Watershed Based Implementation Funding	Grant Agreement	2020 Watershed Based Implementation Funding - Nobles SWCD
2020 Watershed Based Implementation Funding EXECUTED	Grant Agreement	2020 Watershed Based Implementation Funding - Nobles SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2021

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/03/2021
Application	Workflow Generated	Workflow Generated - Application - 03/12/2020
Fish and Wildlife Habitat Priortization map	Grant	Missouri River Watershed 2020-2021 Implementation Grant
Groundwater prioritization map	Grant	Missouri River Watershed 2020-2021 Implementation Grant
Local Development and Stewardship Prioritization map	Grant	Missouri River Watershed 2020-2021 Implementation Grant
MRWP - Actual Results 8/20/2020	Grant	Missouri River Watershed 2020-2021 Implementation Grant
MRWP - Actual Results 8/6/2020	Grant	Missouri River Watershed 2020-2021 Implementation Grant
MRWP - Actual Results 9/16/2020	Grant	Missouri River Watershed 2020-2021 Implementation Grant
Milestones	Grant	Missouri River Watershed 2020-2021 Implementation Grant
Surface Water Prioritization Maps	Grant	Missouri River Watershed 2020-2021 Implementation Grant
Targeted Practices priority map	Grant	Missouri River Watershed 2020-2021 Implementation Grant
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 05/07/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 04/06/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 05/06/2020
comprehensive implementation prioritization map	Grant	Missouri River Watershed 2020-2021 Implementation Grant