



Grant All-Detail Report Projects and Practices 2018

Grant Title - 2018 Lake Emily Watershed BMP Targeted Implementation Project III

Grant ID - C18-9383

Organization - Pope SWCD

Original Awarded Amount	\$182,500.00	Grant Execution Date	4/17/2018
Required Match Amount	\$45,625.00	Original Grant End Date	12/31/2020
Required Match %	25%	Grant Day To Day Contact	Holly Kovarik
Current Awarded Amount	\$182,500.00	Current End Date	12/31/2021

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$182,500.00	\$31,098.85	\$151,401.15
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$182,500.00	\$31,098.85	\$151,401.15

**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
Construction Materials, Contractor Labor, and Equipment	Agricultural Practices	Current State Grant	2018 Lake Emily Watershed BMP Targeted Implementation Projec..	\$150,000.00	\$28,281.29	11/17/2020	N
Grant Management and Reporting	Administration /Coordination	Current State Grant	2018 Lake Emily Watershed BMP Targeted Implementation Projec..	\$2,500.00	\$4.11	1/30/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Project Development	Project Development	Current State Grant	2018 Lake Emily Watershed BMP Targeted Implementation Projec..	\$10,000.00	\$1,235.93	12/31/2020	N
Technical Assistance and Engineering	Technical/Engineering Assistance	Current State Grant	2018 Lake Emily Watershed BMP Targeted Implementation Projec..	\$20,000.00	\$1,577.52	12/23/2020	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	7	7	7 COUNT	7 COUNT
638 - Water and Sediment Control Basin	1	1	1 COUNT	1 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
Construction Materials, Contractor Labor, and Equipment	PHOSPHORUS (EST. REDUCTION)	300 LBS/YR	Lake Emily	BWSR CALC (GULLY STABILIZATION)	
Construction Materials, Contractor Labor, and Equipment	SEDIMENT (TSS)	350.25 TONS/YR	Lake Emily	BWSR CALC (GULLY STABILIZATION)	

Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	639.10	TONS/YR

SOIL (EST. SAVINGS)	639.10	TONS/YR
PHOSPHORUS (EST. REDUCTION)	734.97	LBS/YR

Grant Activity

Grant Activity - Construction Materials, Contractor Labor, and Equipment

Description	The project will provide funding for 15 Water and Sediment Control projects with potential shoreline and riparian restoration projects. The project will address surface water quality sources identified in the Pope County Comprehensive Water Plan (Section 2 pg 11) including direct drainage from the Lake Emily subwatersheds, the Little Chippewa, and from upstream discharge between Lake Emily and Lake Minnewaska. The Water Quality Decision Support App (WQDSA) has also been completed and the projects identified in the application in the medium to highest category will receive priority for funding.		
Category	AGRICULTURAL PRACTICES		
Start Date	9-Apr-18	End Date	31-Dec-21
Has Rates and Hours?	No		
Actual Results	The Pope SWCD has provided funding for 7 WASCObS with 2 landowners. The project has address surface water quality sources identified in the Pope County Comprehensive Water Plan including the direct subwatersheds to Lake Emily. A Water Quality Decision Support Application has been used to target practices. We have 6 more project sites in design phase that will work toward close out of this grant in 2021 weather depending of course.		

Activity Action - CWF18-01			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Water and Sediment Control Basin Project		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	19-Oct-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	TSA

Final Indicator for CWF18-01

Indicator Name	SEDIMENT (TSS)	Value	91.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Emily		

Final Indicator for CWF18-01			
Indicator Name	SOIL (EST. SAVINGS)	Value	91.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Emily		
Final Indicator for CWF18-01			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	105.
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Emily		

Activity Action - CWF 17-04 Richard Feigum			
Practice	638 - Water and Sediment Control Basin	Count of Activities	7
Description	water and sediment control basins		
Proposed Size / Units	7.00 COUNT	Lifespan	10 Years
Actual Size/Units	7.00 COUNT	Installed Date	19-Oct-20
Mapped Activities	7 Point(s)	Technical Assistance Provider	TSA

Final Indicator for CWF 17-04 Richard Feigum			
Indicator Name	SEDIMENT (TSS)	Value	547.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Emily		
Final Indicator for CWF 17-04 Richard Feigum			
Indicator Name	SOIL (EST. SAVINGS)	Value	547.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Emily		
Final Indicator for CWF 17-04 Richard Feigum			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	629.97
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Emily		

Grant Activity - Grant Management and Reporting			
Description	Pope SWCD staff managing reporting requirements of grant funds and elink updates.		
Category	ADMINISTRATION/COORDINATION		
Start Date	19-Apr-18	End Date	31-Dec-21
Has Rates and Hours?	Yes		
Actual Results	The Pope SWCD has been working with landowners and reporting for projects within this grant. The remaining projects are in design phase to be constructed in 2021.		

Grant Activity - Project Development			
Description	Pope SWCD staff coordinating with landowners to develop work plans, assistance, engineering requests, and designing erosion and sediment control projects. This will include development of conservation practice or financial assistance contracts according to the requirements listed in the Grants Administration Manual.		
Category	PROJECT DEVELOPMENT		
Start Date	19-Apr-18	End Date	31-Dec-21
Has Rates and Hours?	Yes		
Actual Results	The Pope SWCD has been working with landowners on projects in the Lake Emily project area. We have several sites in design phase. We worked with 2 landowners to complete a project with 7 structures in the fall of 2020.		

Grant Activity - Technical Assistance and Engineering

Description	The Pope SWCD will partner with engineering staff to develop water and sediment control project construction plans. The West Central Technical Service area engineering staff and the NRCS engineering staff may provide assistance in design and overseeing construction of the projects. The designs will be completed by a Technical Service Provider with the appropriate credentials for practice investigation, design and construction, according to the BWSR Grants Administration Manual. The specified TAP will ensure the use of appropriate practice standards for design, construction, and operation and maintenance of the project work plan as stated in the BWSR Grants Administration Manual. The practice installation will be certified by the TAP and the appropriate O& M plan will be created to ensure the life expectancy of the practice is maintained. There will be inspections completed on practices in years 1, 5, and 9 of the contract per the District's inspection schedule.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	19-Apr-18	End Date	31-Dec-21
Has Rates and Hours?	No		
Actual Results	The Pope SWCD has been working with the WCTSA with several landowners in design phase. We had not received 4th quarter invoices at the time of this report and that will come in early 2021. All other expenses for 2020 have been reported as shown. We have several projects that will be ready for construction in 2021. We are on track for close out at this time in 2021.		

Grant Attachments

Document Name	Document Type	Description
2018 Competitive Grant	Grant Agreement	2018 Competitive Grant - Pope SWCD
2018 Competitive Grant Amendment EXECUTED	Grant Agreement Amendment	
2018 Competitive Grant executed	Grant Agreement	2018 Competitive Grant - Pope SWCD
2018 Lake EMily Targeted Subwatershed Project Map	Grant	2018 Lake Emily Watershed BMP Targeted Implementation Project III
2018 Lake Emily Targeted Subwatershed Project Map	Grant	2018 Lake Emily Watershed BMP Targeted Implementation Project III
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/11/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/14/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/15/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/09/2020

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/11/2019
Application	Workflow Generated	Workflow Generated - Application - 08/08/2017
BC Comments on Workplan	Journal	Journal Dated - 01/03/2018
FY 2018 Lake Emily CWF Extension Dec 31 2021	Grant Agreement Amendment	
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/03/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/20/2017
grantmap_18891_2017-07-26_10-53-56-AM.jpg	Grant	2018 Lake Emily Watershed BMP Targeted Implementation Project III