



Grant All-Detail Report Projects and Practices 2016

Grant Title - 2016 Lake Minnewaska Targeted Subwatershed Project Phase III

Grant ID - C16-4667

Organization - Pope SWCD

Grant Awarded Amount	\$216,900.00	Grant Execution Date	3/30/2016
Required Match Amount	\$54,225.00	Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Holly Kovarik

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$216,900.00	\$49,269.41	\$167,630.59
Total Match Amount	\$54,225.00	\$13,089.00	\$41,136.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$271,125.00	\$62,358.41	\$208,766.59

*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	Match
Construction Materials, Contracted Labor, and Equipment Purchases	Agricultural Practices	Current State Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase II..	\$190,000.00	\$39,267.00	12/23/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction	
						Date	Match
Construction Materials, Contracted Labor, and Equipment Purchases	Agricultural Practices	Landowner Fund	Landowner Cash Match	\$47,500.00	\$13,089.00	12/31/2016	Y
Grant Management and Reporting	Administration /Coordination	Current State Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase II..	\$2,400.00	\$1,892.88	3/31/2016	N
Project Development	Project Development	Current State Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase II..	\$4,500.00	\$5,053.40	12/23/2016	N
Technical Assistance and Engineering	Technical/Engineering Assistance	Current State Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase II..	\$20,000.00	\$3,056.13	12/20/2016	N
Technical Assistance and Engineering	Technical/Engineering Assistance	Local Fund	Federal or other TSA Engineering inkind	\$6,725.00			Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
468 - Lined Waterway or Outlet	1	1	1 COUNT	1 COUNT
638 - Water and Sediment Control Basin	3	3	3 COUNT	3 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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Final Indicators Summary

Indicator Name	Total Value	Unit
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SEDIMENT (TSS)	22.90	TONS/YR
PHOSPHORUS (EST. REDUCTION)	85.30	LBS/YR
SOIL (EST. SAVINGS)	134.80	TONS/YR

Grant Activity

Grant Activity - Construction Materials, Contracted Labor, and Equipment Purchases			
Description	Clean Water grant funds and Landowners cash match for total project costs for contractors and earth work needed to complete construction of 21 water and sediment control basins, 1 lined waterway, and 1 shoreline restoration projects in the subwatershed to Lake Minnewaska.		
Category	AGRICULTURAL PRACTICES		
Start Date	1-Jan-16	End Date	
Has Rates and Hours?	No		
Actual Results	Clean Water grant funds have been used for 2 landowner projects as of 12/31/2016 including 3 water and sediment control basin structures and 1 lined waterway project. The funding paid for the construction costs and earth work needed to construct the two landowner projects.		

Activity Action - 713 Farms c/o Sara ORourke			
Practice	638 - Water and Sediment Control Basin	Count of Activities	3
Description	Three Water and Sediment Control Basin Structures were installed.		
Proposed Size / Units	3.00 COUNT	Lifespan	10 Years
Actual Size/Units	3.00 COUNT	Installed Date	9-Dec-16
Mapped Activities	3 Point(s)		

Final Indicator for 713 Farms c/o Sara ORourke			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	26.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Malmedahl		

Final Indicator for 713 Farms c/o Sara ORourke			
Indicator Name	SOIL (EST. SAVINGS)	Value	65.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)

Waterbody	Lake Malmedahl		
Final Indicator for 713 Farms c/o Sara ORourke			
Indicator Name	SEDIMENT (TSS)	Value	22.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Malmedahl		

Activity Action - Vaadland/Kent MCWF01-16			
Practice	468 - Lined Waterway or Outlet	Count of Activities	1
Description	1 lined waterway project was installed		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	14-Sep-16
Mapped Activities	1 Line(s)		

Final Indicator for Vaadland/Kent MCWF01-16			
Indicator Name	SOIL (EST. SAVINGS)	Value	69.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		
Final Indicator for Vaadland/Kent MCWF01-16			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	58.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		

Grant Activity - Grant Management and Reporting			
Description	Funds will be spent for Pope SWCD staff time managing reporting requirements of grant funds, and elink updates pursuant to this grant and projects implemented in the two subwatersheds contributing to pollution concerns in Lake Minnewaska. The SWCD will follow the FY16 Clean Water Fund Policies for the administration of this grant.		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-16	End Date	
Has Rates and Hours?	Yes		
Actual Results	Funds were spent for Pope SWCD staff time to manage the reporting requirements of the grant funds including elink updates.		

Grant Activity - Project Development

Description	Funds will be spent for Pope SWCD staff coordinating with landowners to develop work plans and strategies for implementing erosion and sediment control projects in the sub watersheds to Lake Minnewaska. The SWCD will use already developed water quality decision support applications for these two subwatersheds to prioritize and target the implementation of BMPs. The SWCD will contract with the landowners on each project and will follow the procedures for implementation and contracting with landowners as outlined in the BWSR administration manual.		
Category	PROJECT DEVELOPMENT		
Start Date	1-Jan-16	End Date	
Has Rates and Hours?	Yes		
Actual Results	Funds as of 12/31/2016 have been spent for Pope SWCD staff time coordinating with landowners to develop work plans and strategies for implementing two landowner projects included are a lined waterway and 3 WASCOBs.		

Grant Activity - Technical Assistance and Engineering

Description	Funds will be spent on partnering with engineering staff (NRCS/TSA/SWCD/Consultant) to develop WASCOB, shoreline restorations, and erosion and sediment control project construction plans and for Pope SWCD staff to complete elements of the construction implementation process including survey, design, and construction oversight. The NRCS Field Office Technical Guide Standards will be followed.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Jan-16	End Date	
Has Rates and Hours?	No		
Actual Results	Funds as of 12/31/2016 were spent on engineering services with the TSA Engineers to develop design plans and assist on overseeing construction of the projects.		

Grant Attachments

Document Name	Document Type	Description
2016 Competitive Grant	Grant Agreement	2016 Competitive Grant - Pope SWCD
2016 Competitive Grant executed	Grant Agreement	2016 Competitive Grant - Pope SWCD
2016 Lake Minnewaska Targeted Subwatershed Phase III	Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase III

Document Name	Document Type	Description
Application	Workflow Generated	Workflow Generated - Application - 08/27/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/16/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/16/2016
grantmap_14059_2015-08-17_07-51-50-AM.jpg	Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase III