



## 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

Original Awarded Amount	<b>\$216,900.00</b>	Grant Execution Date	<b>3/30/2016</b>
Required Match Amount	\$54,225.00	Original Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Holly Kovarik
Current Awarded Amount	\$216,900.00	Current End Date	12/31/2019

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$216,900.00	\$216,900.00	\$0.00
Total Match Amount	\$103,888.90	\$93,073.77	\$10,815.13
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$320,788.90</b>	<b>\$309,973.77</b>	<b>\$10,815.13</b>

\*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, Contracted Labor, and Equipment Purchases	Agricultural Practices	Current State Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase II..	\$192,055.86	\$192,055.86	7/21/2020	N
Construction Materials, Contracted Labor, and Equipment Purchases	Agricultural Practices	Federal Funds	Other Funds CRWP 319 Sediment Reduction Grant	\$56,388.90	\$56,388.90	12/31/2018	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Construction Materials, Contracted Labor, and Equipment Purchases	Agricultural Practices	Landowner Fund	Landowner Cash Match	\$47,500.00	\$36,684.87	11/20/2019	Y
Grant Management and Reporting	Administration /Coordination	Current State Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase II..	\$2,400.00	\$2,400.00	3/31/2017	N
Project Development	Project Development	Current State Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase II..	\$4,500.00	\$4,500.00	12/23/2016	N
Technical Assistance and Engineering	Technical/Engineering Assistance	Current State Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase II..	\$17,944.14	\$17,944.14	5/29/2019	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	6	6	3 COUNT	3 COUNT
638 - Water and Sediment Control Basin	8	8	8 COUNT	8 COUNT
638 - Water and Sediment Control Basin	6	6	6 COUNT	6 COUNT
468 - Lined Waterway or Outlet	1	1	1 COUNT	1 COUNT
410 - Grade Stabilization Structure	1	1	1 COUNT	1 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
SOIL (EST. SAVINGS)	776.80	TONS/YR
SEDIMENT (TSS)	664.90	TONS/YR
PHOSPHORUS (EST. REDUCTION)	791.09	LBS/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	23-Feb-16	End Date	21-Jul-20
Has Rates and Hours?	No		
Actual Results	Clean Water grant funds have been used for 6 landowner projects as of 07/21/2020 including 20 water and sediment control basin structures and 1 lined waterway project and a grade stabilization structure. The funding paid for the construction costs and earth work needed to construct the landowner projects. The Wrolson project funded by 319 funding is used as match.		

### 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)	Technical Assistance Provider	

### 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	SEDIMENT (TSS)	Value	22.9
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	SOIL (EST. SAVINGS)	Value	65.5
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)	Technical Assistance Provider	

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		

Activity Action - CWF03-16 Stark Hafner Fredrich LLC			
Practice	638 - Water and Sediment Control Basin	Count of Activities	3
Description	3 Water and Sediment Control		
Proposed Size / Units	3.00 COUNT	Lifespan	10 Years
Actual Size/Units	3.00 COUNT	Installed Date	19-Jun-17
Mapped Activities	3 Point(s)	Technical Assistance Provider	

Final Indicator for CWF03-16 Stark Hafner Fredrich LLC			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	124.95
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		
Final Indicator for CWF03-16 Stark Hafner Fredrich LLC			
Indicator Name	SOIL (EST. SAVINGS)	Value	124.95
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		
Final Indicator for CWF03-16 Stark Hafner Fredrich LLC			
Indicator Name	SEDIMENT (TSS)	Value	124.95
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		

Activity Action - MCWF04-16 Kevin Lundebrek			
Practice	638 - Water and Sediment Control Basin	Count of Activities	8
Description	8 water and sediment control basin structures were installed		
Proposed Size / Units	8.00 COUNT	Lifespan	10 Years
Actual Size/Units	8.00 COUNT	Installed Date	9-Nov-18
Mapped Activities	8 Point(s)	Technical Assistance Provider	

Final Indicator for MCWF04-16 Kevin Lundebrek			
Indicator Name	SEDIMENT (TSS)	Value	315.0
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		

Final Indicator for MCWF04-16 Kevin Lundebrek			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	362.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		
Final Indicator for MCWF04-16 Kevin Lundebrek			
Indicator Name	SOIL (EST. SAVINGS)	Value	315
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		

Activity Action - MCWF05-16 Kurt Amundson			
Practice	638 - Water and Sediment Control Basin	Count of Activities	6
Description	water and sediment control basin project		
Proposed Size / Units	6.00 COUNT	Lifespan	10 Years
Actual Size/Units	6.00 COUNT	Installed Date	29-May-19
Mapped Activities	6 Point(s)	Technical Assistance Provider	TSA

Final Indicator for MCWF05-16 Kurt Amundson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	126.79
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		
Final Indicator for MCWF05-16 Kurt Amundson			
Indicator Name	SEDIMENT (TSS)	Value	110.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		
Final Indicator for MCWF05-16 Kurt Amundson			
Indicator Name	SOIL (EST. SAVINGS)	Value	110.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		

Activity Action - MCF06-16 Dean Paulson			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Grade Stabilization Structure on Hackberry Creek to stop a severe gully erosion along the stream.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	13-Jul-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	TSA

Final Indicator for MCF06-16 Dean Paulson

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	91.80
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Minnewaska		

Final Indicator for MCF06-16 Dean Paulson

Indicator Name	SOIL (EST. SAVINGS)	Value	91.80
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Minnewaska		

Final Indicator for MCF06-16 Dean Paulson

Indicator Name	SEDIMENT (TSS)	Value	91.80
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Minnewaska		

### Grant Activity - Grant Management and Reporting

<b>Description</b>	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.		
<b>Category</b>	ADMINISTRATION/COORDINATION		
<b>Start Date</b>	23-Feb-16	<b>End Date</b>	21-Jul-20
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Funds were spent for Pope SWCD staff time to manage the reporting requirements of the grant funds including elink updates. Clean Water grant funds have been used for 6 landowner projects as of 08/15/2019 including 20 water and sediment control basin structures and 1 lined waterway project and a grade stabilization structure. The final project was finished on 7/13/2020.		

### Grant Activity - Project Development

<b>Description</b>	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.		
<b>Category</b>	PROJECT DEVELOPMENT		
<b>Start Date</b>	1-Jan-16	<b>End Date</b>	21-Jul-20
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Funds as of 12/31/2018 have been spent for Pope SWCD staff time coordinating with landowners to develop work plans and strategies for implementing projects. Clean Water grant funds have been used for 5 landowner projects as of 12/31/2018 including 20 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 6 landowner projects. The final project was finished on 7/13/2020.		



## Grant Activity - Technical Assistance and Engineering

<b>Description</b>	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.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	23-Feb-16	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds were spent on engineering services with the West Central Technical Service area and Pope SWCD Technical staff time to develop design plans and assist on overseeing construction of the projects. Clean Water grant funds have been used for 5 landowner projects as of 12/31/2018 including 20 water and sediment control basin structures and 1 lined waterway project. The final project will be finished in the spring of 2020.		

## Grant Attachments

Document Name	Document Type	Description
<b>2016 Competitive Grant</b>	Grant Agreement	2016 Competitive Grant - Pope SWCD
<b>2016 Competitive Grant amendment EXECUTED</b>	Grant Agreement Amendment	
<b>2016 Competitive Grant amendment EXECUTED</b>	Grant Agreement Amendment	
<b>2016 Competitive Grant executed</b>	Grant Agreement	2016 Competitive Grant - Pope SWCD
<b>2016 Lake Minnewaska Phase 3 C16-4667 AMENDMENT #2</b>	Grant Agreement Amendment	
<b>2016 Lake Minnewaska Targeted Phase III financial report</b>	Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase III
<b>2016 Lake Minnewaska Targeted Subwatershed Phase III</b>	Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase III
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 07/21/2020
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/29/2019

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/11/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/13/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/09/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/21/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/19/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/19/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/15/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2017
Amendment Justification Email	Grant Agreement Amendment	
Application	Workflow Generated	Workflow Generated - Application - 08/27/2015
BC Correspondence on Extention Request	Grant Agreement Amendment	
Extension Request	Grant Agreement Amendment	
Finacial Report 12-31-2018	Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase III
Final Financial Report	Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase III
Financial Report and Quickbooks logs at year end	Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase III
Financial Report and quickbooks log	Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase III
Partial Payment Certification	Journal	Journal Dated - 01/29/2019
Pope SWCD_C16-4667_Extension Amendment_Unexecuted	Grant Agreement Amendment	
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/16/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/16/2015
grantmap_14059_2015-08-17_07-51-50-AM.jpg	Grant	2016 Lake Minnewaska Targeted Subwatershed Project Phase III