



Grant All-Detail Report Projects and Practices 2014

Grant Title - Pope County Sub Watershed Water and Sediment Control Basin Project

Grant ID - C14-8185

Organization - Pope SWCD

Grant Awarded Amount	\$126,900.00	Grant Execution Date	
Required Match Amount	\$31,725.00	Grant End Date	12/31/2016
Required Match %	25%	Grant Day To Day Contact	Holly Kovarik

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$126,900.00	\$126,900.00	\$0.00
Total Match Amount	\$39,235.05	\$39,235.05	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$166,135.05	\$166,135.05	\$0.00

*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
Ag Practices	Agricultural Practices	Current State Grant	Pope County Sub Watershed Water and Sediment Control Basin P..	\$103,859.55	\$103,859.55	7/7/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction	
						Date	Match
Ag Practices	Agricultural Practices	Local Fund	Pope SWCD Local/Landowner Match	\$33,545.05	\$33,545.05	11/19/2015	Y
Grant Management and Reporting	Administration /Coordination	Current State Grant	Pope County Sub Watershed Water and Sediment Control Basin P..	\$2,400.00	\$2,400.00	6/30/2015	N
Grant Management and Reporting	Administration /Coordination	Local Fund	Pope SWCD local Match	\$600.00	\$600.00	12/8/2016	Y
Project Development	Project Development	Current State Grant	Pope County Sub Watershed Water and Sediment Control Basin P..	\$4,500.00	\$4,500.00	6/30/2015	N
Technical Assistance and Engineering	Technical/Engineering Assistance	Current State Grant	Pope County Sub Watershed Water and Sediment Control Basin P..	\$16,140.45	\$16,140.45	12/20/2016	N
Technical Assistance and Engineering	Technical/Engineering Assistance	Local Fund	Pope SWCD local match	\$5,090.00	\$5,090.00	12/31/2015	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	8	4	4 COUNT	4 COUNT
378 - Pond for Water Use	1	1	1 COUNT	1 COUNT
638 - Water and Sediment Control Basin	3	3	3 COUNT	3 COUNT
638 - Water and Sediment Control Basin	2	2	2 COUNT	2 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
SEDIMENT (TSS)	118.28	TONS/YR
PHOSPHORUS (EST. REDUCTION)	138.46	LBS/YR

Grant Activity

Grant Activity - Ag Practices			
Description	Install 15 water and sediment control basins in three subwatersheds adjacent to Lake Minnewaska, Pelican, and Lake Emily. Estimated pollution reduction will be 350 tons per year of TSS and 300 lbs of phosphorus.		
Category	AGRICULTURAL PRACTICES		
Start Date	12-May-14	End Date	19-Nov-15
Has Rates and Hours?	No		
Actual Results	Installed 13 water and sediment control basins in the direct subwatershed to Lake Minnewaska.		

Activity Action - Don Opdahl 01+14			
Practice	638 - Water and Sediment Control Basin	Count of Activities	4
Description	4 water and sediment control basin structures has been designed by the NRCS Engineers and was constructed in spring 2015. The Pope SWCD board has approved the contract with the landowner and the money has been spent for to the project.		
Proposed Size / Units	4.00 COUNT	Lifespan	10 Years
Actual Size/Units	4.00 COUNT	Installed Date	9-May-15
Mapped Activities	4 Point(s)		

Final Indicator for Don Opdahl 01+14			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10.21
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		

Final Indicator for Don Opdahl 01+14			
Indicator Name	SEDIMENT (TSS)	Value	8.88
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		

Activity Action - Richard Oeltjen 02+14			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 Water and Sediment Control Structure has been designed by the NRCS Engineering staff and was constructed in spring 2015. The Pope SWCD board has approved and encumbered the funding and the project funding has been spent.		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	6-Jul-15
Mapped Activities	2 Point(s)		

Final Indicator for Richard Oeltjen 02+14			
Indicator Name	SEDIMENT (TSS)	Value	10.7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	Lake Minnewaska		

Activity Action - Don Opdahl 03+14			
Practice	638 - Water and Sediment Control Basin	Count of Activities	3
Description	3 Water and sediment control basin structures have been designed by the WCTSA Engineers and were constructed in the spring of 2015. The project has been approved by the Pope SWCD Board and the project was constructed in the spring of 2015.		
Proposed Size / Units	3.00 COUNT	Lifespan	10 Years
Actual Size/Units	3.00 COUNT	Installed Date	9-May-15
Mapped Activities	3 Point(s)		

Final Indicator for Don Opdahl 03+14			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	15.61
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		

Final Indicator for Don Opdahl 03+14			
Indicator Name	SEDIMENT (TSS)	Value	13.58
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		

Activity Action - Mike Billehus 04+14			
Practice	638 - Water and Sediment Control Basin	Count of Activities	4
Description	4 Water and Sediment Control Basins have been designed by the WCTSA Engineers and the basins were constructed in the fall of 2015. Pope SWCD Board has encumber funds and paid the project funds per the approved contract with the landowner.		
Proposed Size / Units	4.00 COUNT	Lifespan	10 Years
Actual Size/Units	4.00 COUNT	Installed Date	30-Sep-15
Mapped Activities	4 Point(s)		

Final Indicator for Mike Billehus 04+14			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	14.74
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		

Final Indicator for Mike Billehus 04+14			
Indicator Name	SEDIMENT (TSS)	Value	12.82
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Minnewaska		

Activity Action - Lee Tangen 05+14			
Practice	378 - Pond for Water Use	Count of Activities	1
Description	A wetland creation project has been designed by the WCTSA engineering staff for this location. The project has been approved and funding has been encumbered by the Pope SWCD board. The project has been installed in the spring of 2016.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	30-Jun-16
Mapped Activities	1 Point(s)		

Final Indicator for Lee Tangen 05+14			
Indicator Name	SEDIMENT (TSS)	Value	72.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	Lake Minnewaska		
Final Indicator for Lee Tangen 05+14			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	97.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Lake Minnewaska		

Grant Activity - Grant Management and Reporting			
Description	District Manager will report reimbursements of grant funds, contract paperwork, and complete eLink updates. Board of Supervisors will approve contracts with landowners to install ag practices.		
Category	ADMINISTRATION/COORDINATION		
Start Date		End Date	19-Nov-15
Has Rates and Hours?	Yes		
Actual Results	District Manager reported on reimbursements of grant funds, contract paperwork, and completed elink updates. Board of Supervisors approved contracts with landowners that installed ag practices.		

Grant Activity - Project Development			
Description	District Manager, WCTSA Engineer, and District Technician will coordinate with landowners to develop work plans and strategies.		
Category	PROJECT DEVELOPMENT		
Start Date		End Date	19-Nov-15
Has Rates and Hours?	Yes		
Actual Results	District Manager, WCTSA Engineer, and District Technician coordinated with the landowners to develop work plans and strategies.		

Grant Activity - Technical Assistance and Engineering			
Description	Partnering with WCTSA engineering staff to develop WaSCOB construction plans, preliminary and final design, staking of site, construction site inspections/oversight, and as built design plans. Develop Operation and Maintenance plans for each project for life span of engineered practices.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-May-14	End Date	31-Dec-16
Has Rates and Hours?	Yes		
Actual Results	Partnered with WCTSA engineering staff and developed WASC OB construction plans, preliminary and final designs, staked the site, construction site inspections/oversight, and as built design plans. Developed operation and maintenance plans for each project for the life of the engineered practices.		

Grant Attachments

Document Name	Document Type	Description
2014 CWF Lake Minnewaska Subwatershed project financial report	Grant	Pope County Sub Watershed Water and Sediment Control Basin Project
2014 Competitive Grant	Grant Agreement	2014 Competitive Grant - Pope SWCD
2014 Competitive Grant executed	Grant Agreement	2014 Competitive Grant - Pope SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/11/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/01/2015

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/20/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/19/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 10/21/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/17/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/30/2015
Application	Workflow Generated	Workflow Generated - Application - 10/04/2013
Identified Basin Sites	Grant	Pope County Sub Watershed Water and Sediment Control Basin Project
Nov 2 2015 email	Grant	Pope County Sub Watershed Water and Sediment Control Basin Project
SR_loc_10606.jpg	Grant	Pope County Sub Watershed Water and Sediment Control Basin Project
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/27/2014
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/23/2014
grantmap_10606_2013-10-04_03-11-12-PM.jpg	Grant	Pope County Sub Watershed Water and Sediment Control Basin Project