



Grant All-Detail Report 2013 - Accelerated Implementation Grant

Grant Title - 2013 - Accelerated Implementation Grant - Pope (SWCD)

Grant ID - C13-3791

Organization - Pope SWCD

Grant Awarded Amount	\$30,350.00	Grant Execution Date	
Required Match Amount	\$7,587.50	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$30,350.00	\$22,181.82	\$8,168.18
Total Match Amount	\$7,588.00	\$276.60	\$7,311.40
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$37,938.00	\$22,458.42	\$15,479.58

**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
2013 CWF Pope SWCD AIG Administration	Administration /Coordination	Current State Grant	2013 - Accelerated Implementation Grant - Pope (SWCD)	\$1,500.00	\$646.82	10/31/2014	N
2013 CWF Pope SWCD AIG Administration	Administration /Coordination	Local Fund	2013 Pope SWCD AIG Match	\$375.00	\$15.60	8/8/2013	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2013 CWF Pope SWCD AIG Project Development	Project Development	Current State Grant	2013 - Accelerated Implementation Grant - Pope (SWCD)	\$20,750.00	\$20,343.00	11/3/2014	N
2013 CWF Pope SWCD AIG Project Development	Project Development	Local Fund	2013 Pope SWCD AIG Match	\$2,900.00	\$261.00	8/8/2013	Y
2013 CWF Pope SWCD AIG Technical/Engineering	Technical/Engineering Assistance	Current State Grant	2013 - Accelerated Implementation Grant - Pope (SWCD)	\$8,100.00	\$1,192.00	10/31/2014	N
2013 CWF Pope SWCD AIG Technical/Engineering	Technical/Engineering Assistance	Local Fund	2013 Pope SWCD AIG Match	\$4,313.00			Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
------------------	--------------------	-----------------------	-------------

Indicators Summary

Indicator Name	Total Value	Unit
----------------	-------------	------

Grant Activity

Grant Activity - 2013 CWF Pope SWCD AIG Administration

Description

The Pope SWCD District Manager (Luan Johnsrud) and District Technician (Matt Fischer) will be responsible for all grant administration. These duties will include all general eLINK, website, and annual and final reporting documents for the project. The District Manager will also be responsible for time tracking for the grant and charging reimbursement towards the grant. Local match for the project is anticipated to come from the Pope SWCD's county allocation funds.

Category

ADMINISTRATION/COORDINATION

Start Date

End Date

Rates and Hours

Actual Results

Updates have been completed for reporting updates on the project in general within eLINK, website, and annual and final reporting documents for the project. The District Manager has completed the time tracking for the grant and charging reimbursement towards the grant. Presentations and educational information has been provided to the Water Plan Task Force, SWCD Board, BWSR staff, and Glacial Lakes Environmental Trust Fund regarding the tools being utilized to prioritize and target projects in this subwatershed area to Lake Minnewaska.

Grant Activity - 2013 CWF Pope SWCD AIG Project Development

Description

The lead on the project development component of this project will be the Pope SWCD District Technician (Matt Fischer) with the rest of the staff assisting where needed. We are also hoping to receive some assistance from the NRCS Cartographic Technician (Peter Mead). Under this initiative, we would use LiDAR data to assist us in determining the best placement of BMPs along the south shore of Lake Minnewaska. We will create a hydrologically corrected DEM of the target area which may include a culvert inventory if needed, or at least verifying certain areas. With the corrected DEM we will create stream power index (SPI) and compound topographic index (CTI) layers, and use that information to determine areas of potential erosion.

Category

PROJECT DEVELOPMENT

Start Date

End Date

Rates and Hours

Actual Results

Pope SWCD District Technician (Matt Fischer) and Peter Mead, Becker SWCD Administrator used LiDAR data to determine the best placement of BMPs along the south shore of Lake Minnewaska. A hydrologically created DEM was created of the target area which did include a culvert inventory, or at least verifying certain areas. With the corrected DEM was created with the stream power index (SPI) and compound topographic index (CTI) layers. This information was used to determine areas of potential erosion. Maps have been created showing the prioritization of potential areas where projects could be completed. Shape files have been provided to the SWCD and are being utilized to determine prioritization of project locations on the South Lakeshore of Lake Minnewaska. The project area was expanded to include all of the Lake Minnewaska and Lake Pelican sub watersheds and the terrain analysis was completed for this by Houston Engineering. Peter Meade started the project but due to time the SWCD determined that it was best to contract with Houston Engineering with the time frame that we had to work with. The Terrain Analysis of these two subwatersheds are done and the shape files have been provided to the District. The prioritization tool is being used to aid work being done on the implementation of water and sediment control structures under a 2014 funded Clean Water Fund project. This additional work was accomplished providing more details than originally anticipated this is due to original estimates were higher than anticipated for the final products received. Products received include: all shapefiles, DEM modifications, non-contributing analysis, hydrologic conduction output, stream power index, sediment yeild, total N and total P yeild, SPI percentile ranking, sediment, T and TN percentile ranking, water quality index, bmp suitability analysis for buffers and water and sediment control.

Grant Activity - 2013 CWF Pope SWCD AIG Technical/Engineering

Description	This initiative will be completed by the West Central TSA Engineer (Ross Reiffenberger) and the Pope SWCD District Technician (Matt Fischer). Other Pope SWCD staff and West Central TSA staff will assist as needed. Ross Reiffenberger is a Professional Engineer with over 6 years experience with the TSA and 6 years in the private sector prior to that. Matt Fischer has been with the Pope SWCD for over 3 years and is responsible for the state cost share program, RIM, and farm bill assistance duties among other things. He has attended trainings for basic surveying, water and sediment control basins, waterways, side inlet structures, and RUSLE2 through NRCS. His engineering job approval authorities are pending with the NRCS Area Engineer. The NRCS FOTG standards will be used. With this initiative we will contact landowners and conduct site visits to areas identified using the LiDAR data. We will collect information and determine pollution estimates for each given area to prioritize areas to target conservation efforts. For the highest priority areas we will work with the landowners and discuss BMP options. Once we have landowner interest, we will survey the site and design BMPs to solve erosion concerns.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date		End Date	
Rates and Hours			
Actual Results			

Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/21/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/27/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/27/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/06/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/22/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/12/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/22/2014
Pope SWCD C13-3791 CWF AIG Financial Report dated Nov 6 2014	Grant	2013 - Accelerated Implementation Grant - Pope (SWCD)
grant_app_general-added.rpt	Grant	2013 - Accelerated Implementation Grant - Pope (SWCD)