



## Grant All-Detail Report Accelerated Implementation Grant 2015

**Grant Title** - 2015 Lake Emily Water Quality Assessment & BMP Prioritization Project

**Grant ID** - C15-6400

**Organization** - Pope SWCD

<b>Grant Awarded Amount</b>	<b>\$38,158.00</b>	<b>Grant Execution Date</b>	<b>3/25/2015</b>
<b>Required Match Amount</b>	\$9,539.50	<b>Grant End Date</b>	12/31/2018
<b>Required Match %</b>	25%	<b>Grant Day To Day Contact</b>	Holly Kovarik

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$38,158.00	\$35,499.48	\$2,658.52
Total Match Amount	\$9,540.00	\$0.00	\$9,540.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$47,698.00</b>	<b>\$35,499.48</b>	<b>\$12,198.52</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	Match
Grant Management and Reporting	Administration /Coordination	Current State Grant	2015 Lake Emily Water Quality Assessment & BMP Prioritizatio..	\$1,500.00	\$841.48	3/31/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction	
						Date	Match
Local Match	Technical/Engineering Assistance	Local Fund		\$9,540.00			Y
Planning and Assessment	Planning and Assessment	Current State Grant	2015 Lake Emily Water Quality Assessment & BMP Prioritizatio..	\$35,000.00	\$33,000.00	12/23/2016	N
Project Development	Project Development	Current State Grant	2015 Lake Emily Water Quality Assessment & BMP Prioritizatio..	\$1,658.00	\$1,658.00	12/24/2015	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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### 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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## Grant Activity

Grant Activity - Grant Management and Reporting	
Description	Pope SWCD District Manager will be managing reimbursement of grant funds, working with a consultant to complete a terrain analysis of the two subwatersheds (Outlet Creek and Lake Pelican), and completing elink updates. The Manager will oversee the project and review the project with the SWCD board monthly. The SWCD Board has authorized the Manager to sign elink financial reports and reimbursements. The District Manager will assure that the BWSR FY Clean Water Fund policies are followed and progress reports are submitted as required and within elink.
Category	ADMINISTRATION/COORDINATION
Start Date	End Date
Has Rates and Hours?	Yes
Actual Results	Pope SWCD District Manager has been managing the reimbursement of the grant funds and working with the consultant to complete the terrain analysis. The Terrain Analysis is complete and the Manager has been working on expenditure reporting for the grant and project promotions.

Grant Activity - Local Match	
Description	Pope SWCD staff will work on project designs for water and sediment control basin projects in these two sub watersheds. The SWCD staff time will be paid for from the 2015 County Allocation received for conservation work completed by the District Manager.
Category	TECHNICAL/ENGINEERING ASSISTANCE
Start Date	End Date
Has Rates and Hours?	Yes
Actual Results	

## Grant Activity - Planning and Assessment

<b>Description</b>	Pope SWCD District Manager will work with the District Board to contract with a consultant to complete a terrain analysis of Outlet Creek and Lake Emily subwatersheds. The work will include the creation of a DEM Hydrologic condition of approximately 68.6 square miles developing enhanced data products and prioritization layers including SPI, RUSLE, TP, and TN loading and their downstream deliveries to Lake Emily. The project may also include a BMP suitability, BMP effectiveness measurement and cost optimization. The Pope SWCD has determined that there is a connection with a judicial ditch to the Lake Emily subwatersheds which includes an additional 68.6 square miles Lake Reno-Little Chippewa and Little Chippewa sub watersheds. The entire area will have a terrain analysis completed and should grant funds be limited the measurement of benefits piece could be added later. The products developed will be delivered to the Pope SWCD in a shapefile format to be utilized in our day to day operations.		
<b>Category</b>	PLANNING AND ASSESSMENT		
<b>Start Date</b>		<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Pope SWCD District Manager worked with board to contract through an RFP process with Houston Engineering to completed a Water Quality Decision Support App (Terrain Analysis for approximately 140 square miles) This work has been completed as of November 2015. The Pope SWCD has received all shape files and the final report which includes ranking for sediment, phosphorus, and nitrogen in addition to a water quality index for each 40 acre parcel.		

## Grant Activity - Project Development

<b>Description</b>	Pope SWCD District Manager will be coordinating with consultant to develop work plans and strategies. There will be a contract between the SWCD and the vendor. The project will include completing a terrain analysis of the two subwatersheds to Lake Emily. The analysis will be completed for sediment, nitrogen, and phosphorus and ranked from highest to lowest contributions. This information generated will then be used to target installation of best management practices on the landscape where the biggest reductions will be seen.		
<b>Category</b>	PROJECT DEVELOPMENT		
<b>Start Date</b>		<b>End Date</b>	
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Pope SWCD has been coordinating with landowners identified by the terrain analysis tool. The SWCD is working to attain funding for implementation of projects identified. The Water Quality Decision Support App is finished and the shapefiles.		

## Grant Attachments

Document Name	Document Type	Description
<b>2015 Competitive Grant</b>	Grant Agreement	2015 Competitive Grant - Pope SWCD
<b>2015 Competitive Grant executed</b>	Grant Agreement	2015 Competitive Grant - Pope SWCD
<b>2015 Lake Emily AIG Financial Report</b>	Grant	2015 Lake Emily Water Quality Assessment & BMP Prioritization Project
<b>2015 Lake Emily Water Quality Assessment &amp; BMP Prioritization Project</b>	Grant	2015 Lake Emily Water Quality Assessment & BMP Prioritization Project
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 11/02/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 10/21/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 12/28/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/13/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 05/24/2016
<b>Application</b>	Workflow Generated	Workflow Generated - Application - 09/23/2014
<b>Pope SWCD FY15 Lake Emily needs more info Nov 2 2015 email</b>	Grant	2015 Lake Emily Water Quality Assessment & BMP Prioritization Project
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 03/23/2015
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 03/23/2015
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 03/23/2015
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 01/28/2015
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 05/15/2015
<b>Workplan Adjustment request &amp; approval emails May 2015</b>	Grant	2015 Lake Emily Water Quality Assessment & BMP Prioritization Project
<b>grantmap_12704_2014-09-19_01-15-38-PM.jpg</b>	Grant	2015 Lake Emily Water Quality Assessment & BMP Prioritization Project