



## Grant All-Detail Report Projects and Practices 2016

**Grant Title** - 2016 Lake Emily Watershed BMP Targeted Implementation Project

**Grant ID** - C16-8330

**Organization** - Pope SWCD

<b>Grant Awarded Amount</b>	<b>\$287,500.00</b>	<b>Grant Execution Date</b>	<b>3/30/2016</b>
<b>Required Match Amount</b>	\$71,875.00	<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	\$287,500.00	\$197,149.81	\$90,350.19
Total Match Amount	\$71,875.00	\$68,783.19	\$3,091.81
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$359,375.00</b>	<b>\$265,933.00</b>	<b>\$93,442.00</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, Contraction Labor, and Equipment	Agricultural Practices	Current State Grant	2016 Lake Emily Watershed BMP Targeted Implementation Projec..	\$245,000.00	\$187,046.72	11/30/2017	N
Construction Materials, Contraction Labor, and Equipment	Agricultural Practices	Landowner Fund	Landowner match	\$61,250.00	\$58,158.19	12/30/2016	Y
Grant Management and Reporting	Administration /Coordination	Current State Grant	2016 Lake Emily Watershed BMP Targeted Implementation Projec..	\$2,500.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Project Development	Project Development	Current State Grant	2016 Lake Emily Watershed BMP Targeted Implementation Projec..	\$20,000.00	\$5,576.66	12/31/2017	N
Technical Assistance and Engineering	Technical/Engineering Assistance	Current State Grant	2016 Lake Emily Watershed BMP Targeted Implementation Projec..	\$20,000.00	\$4,526.43	9/28/2017	N
Technical Assistance and Engineering	Technical/Engineering Assistance	Federal Funds	Engineering Inkind Match	\$10,625.00	\$10,625.00	12/31/2016	Y

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	10	10	10 COUNT	10 COUNT
638 - Water and Sediment Control Basin	9	9	9 COUNT	9 COUNT
638 - Water and Sediment Control Basin	12	6	6 COUNT	6 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
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<b>SEDIMENT (TSS)</b>	716.55	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	838.86	LBS/YR
<b>SOIL (EST. SAVINGS)</b>	1,771.62	TONS/YR

## Grant Activity

### Grant Activity - Construction Materials, Contraction Labor, and Equipment

<b>Description</b>	Funds will be spent on contractors and earth work needed to complete construction of 48 water and sediment control projects in the targeted subwatersheds. The reimbursement will be made upon the work being completed via contracts executed with landowners. These contracts and payments will be approved by the SWCD board.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	1-Jan-16	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds were spent on contractors and earth work needed to complete construction on 33 Water and Sediment Control Basin structures at year end 12/31/2017. The funds were used to pay landowners cost share not to exceed 75% of the total cost of the projects.		

Activity Action - CWF16-01 Johnson Bros Farm			
<b>Practice</b>	638 - Water and Sediment Control Basin	<b>Count of Activities</b>	6
<b>Description</b>	6 Water and Sediment Control Basins were constructed		
<b>Proposed Size / Units</b>	6.00 COUNT	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	6.00 COUNT	<b>Installed Date</b>	5-May-16
<b>Mapped Activities</b>	6 Point(s)		

### Final Indicator for CWF16-01 Johnson Bros Farm

<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	128.8
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Lake Emily		

### Final Indicator for CWF16-01 Johnson Bros Farm

<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	224.00
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Lake Emily		

Final Indicator for CWF16-01 Johnson Bros Farm			
Indicator Name	SEDIMENT (TSS)	Value	112.00
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Emily		

Activity Action - CWF16-02 Gary Smith			
Practice	638 - Water and Sediment Control Basin	Count of Activities	10
Description	10 Water and Sediment Control Basin Structures were constructed		
Proposed Size / Units	10.00 COUNT	Lifespan	10 Years
Actual Size/Units	10.00 COUNT	Installed Date	5-May-16
Mapped Activities	10 Point(s)		

Final Indicator for CWF16-02 Gary Smith			
Indicator Name	SEDIMENT (TSS)	Value	340.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Emily		

Final Indicator for CWF16-02 Gary Smith			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	391.23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Emily		

Final Indicator for CWF16-02 Gary Smith			
Indicator Name	SOIL (EST. SAVINGS)	Value	680.40
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Emily		

Activity Action - CWF16-04 Nick Danielson			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 Water and Sediment Control Basins were constructed		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	5-Dec-16
Mapped Activities	2 Point(s)		

Final Indicator for CWF16-04 Nick Danielson			
Indicator Name	SOIL (EST. SAVINGS)	Value	14.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	Chippewa River		
Final Indicator for CWF16-04 Nick Danielson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	14.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Chippewa River		

Activity Action - CWF16-04 Thomas Beuckens			
Practice	638 - Water and Sediment Control Basin	Count of Activities	6
Description	6 Water and Sediment Control Basins were installed		
Proposed Size / Units	6.00 COUNT	Lifespan	10 Years
Actual Size/Units	6.00 COUNT	Installed Date	5-Dec-16
Mapped Activities	6 Point(s)		

Final Indicator for CWF16-04 Thomas Beuckens			
Indicator Name	SOIL (EST. SAVINGS)	Value	194.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Lake Emily		
Final Indicator for CWF16-04 Thomas Beuckens			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	39.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lake Emily		
Final Indicator for CWF16-04 Thomas Beuckens			
Indicator Name	SEDIMENT (TSS)	Value	34.1

<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Lake Emily		

Activity Action - CWF16-06 Todd and Tom Johnshoy			
<b>Practice</b>	638 - Water and Sediment Control Basin	<b>Count of Activities</b>	9
<b>Description</b>	Construction of water and sediment control basin structures to address gully erosion concerns to Outlet Creek and downstream Lake Emily		
<b>Proposed Size / Units</b>	9.00 COUNT	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	9.00 COUNT	<b>Installed Date</b>	6-Nov-17
<b>Mapped Activities</b>	9 Point(s)		

**Final Indicator for CWF16-06 Todd and Tom Johnshoy**

<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	230.2
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Lake Emily		

**Final Indicator for CWF16-06 Todd and Tom Johnshoy**

<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	657.72
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Lake Emily		

**Final Indicator for CWF16-06 Todd and Tom Johnshoy**

<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	264.73
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Lake Emily		

**Grant Activity - Grant Management and Reporting**

<b>Description</b>	Funds will be spent for Pope SWCD staff managing reporting requirements of grant funds and elink updates. FYI 16 Clean Water Fund Policies will be used in the administration of this grant.		
<b>Category</b>	ADMINISTRATION/COORDINATION		
<b>Start Date</b>	1-Jan-16	<b>End Date</b>	
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Funds for reporting were spent in 2017 not in 2016 for reporting. Therefore we did not show any expenditures under this line as of 12/31/2016.		

### Grant Activity - Project Development

<b>Description</b>	Funds will be spent for Pope SWCD staff coordinating with landowners to develop work plans, assistance, and designing of erosion and sediment control structures. The staff time spent will also include coordinating with the TSA/NRCS/consultants on design and implementation of the projects. These practices will be selected based on the water quality decision support application completed for these subwatersheds. Funding will be provided to projects with the highest priorities based on this analysis.		
<b>Category</b>	PROJECT DEVELOPMENT		
<b>Start Date</b>	1-Jan-16	<b>End Date</b>	
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	Funds were spent for Pope SWCD staff to coordinate with landowners to develop work plans, and designing of erosion and sediment control structures. This also includes staff time coordinating with the WCTSA/NRCS Engineers to implement the practices. A small amount of the funds were used for lake trend reports.		

### Grant Activity - Technical Assistance and Engineering

<b>Description</b>	Funds will be spent by Pope SWCD on partnering with engineering staff from the West Central Technical Service Area/NRCS/SWCD to develop WASCOB and erosion and sediment control project construction plans. These designs will meet the criteria in the NRCS Field Office Technical Guide.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	1-Jan-16	<b>End Date</b>	31-Dec-17
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds were spent by Pope SWCD on partnering with the engineering staff from the West Central Technical Service area to develop engineering plans for erosion and sediment control projects. A total of 33 projects were constructed in 2017 and 2016.		

### Grant Attachments

Document Name	Document Type	Description
<b>2016 Competitive Grant</b>	Grant Agreement	2016 Competitive Grant - Pope SWCD
<b>2016 Competitive Grant executed</b>	Grant Agreement	2016 Competitive Grant - Pope SWCD
<b>2016 Lake Emily Targeted Financial Report</b>	Grant	2016 Lake Emily Watershed BMP Targeted Implementation Project
<b>2016 Lake Emily Targeted Subwatershed Project Map</b>	Grant	2016 Lake Emily Watershed BMP Targeted Implementation Project

Document Name	Document Type	Description
<b>2016 Lake Emily targeted financial report and quickbooks reports</b>	Grant	2016 Lake Emily Watershed BMP Targeted Implementation Project
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 11/17/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/31/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 11/17/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 11/16/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/01/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/31/2017
<b>Application</b>	Workflow Generated	Workflow Generated - Application - 08/27/2015
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 12/16/2015
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 02/23/2016
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 02/16/2016
<b>grantmap_14058_2015-08-26_10-19-23-AM.jpg</b>	Grant	2016 Lake Emily Watershed BMP Targeted Implementation Project