



Grant All-Detail Report Tullibee Lakes HFHW - 2016

Grant Title - 2016 - Tullibee Lakes HFHW (Wabasha SWCD)

Grant ID - P16-5641

Organization - Wabasha SWCD

Grant Awarded Amount	\$50,000.00	Grant Execution Date	12/15/2015
Required Match Amount	\$12,500.00	Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Terri Peters

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$50,000.00	\$48,499.39	\$1,500.61
Total Match Amount			\$0.00
Total Other Funds	\$2,550.00	\$2,510.00	\$40.00
Total	\$52,550.00	\$51,009.39	\$1,540.61

*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
Beth Johnson	Agricultural Practices	Current State Grant	2016 - Tullibee Lakes HFHW (Wabasha SWCD)	\$6,050.00	\$4,849.39	11/17/2015	N
Beth Johnson (2)	Forestry Practices	Current State Grant	2016 - Tullibee Lakes HFHW (Wabasha SWCD)	\$1,625.00	\$1,625.00	4/20/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction	
						Date	Match
Beth Johnson (3)	Forestry Practices	Current State Grant	2016 - Tullibee Lakes HFHW (Wabasha SWCD)	\$7,450.00	\$7,450.00	6/23/2016	N
Beth Johnson (3)	Forestry Practices	Other State funds not in eLINK	DNR portion of original grant reappropriation	\$2,550.00	\$2,510.00	6/23/2016	N
Cathy Snyder	Streambank or Shoreline Protection	Current State Grant	2016 - Tullibee Lakes HFHW (Wabasha SWCD)	\$1,875.00	\$1,875.00	11/17/2015	N
Chad Dietrich	Non-Structural Management Practices	Current State Grant	2016 - Tullibee Lakes HFHW (Wabasha SWCD)	\$300.00			N
Chad and Wendy Dittrich (2)	Forestry Practices	Current State Grant	2016 - Tullibee Lakes HFHW (Wabasha SWCD)	\$2,400.00	\$2,400.00	6/23/2016	N
Chad and Wendy Dittrich (3)	Agricultural Practices	Current State Grant	2016 - Tullibee Lakes HFHW (Wabasha SWCD)	\$5,000.00	\$5,000.00	11/17/2015	N
James Krulish	Forestry Practices	Current State Grant	2016 - Tullibee Lakes HFHW (Wabasha SWCD)	\$6,500.00	\$6,500.00	4/20/2016	N
Marlin Timm	Forestry Practices	Current State Grant	2016 - Tullibee Lakes HFHW (Wabasha SWCD)	\$3,000.00	\$3,000.00	5/18/2016	N
Michael & Connie Schad	Forestry Practices	Current State Grant	2016 - Tullibee Lakes HFHW (Wabasha SWCD)	\$8,600.00	\$8,600.00	6/28/2016	N
Ralph Ratz	Forestry Practices	Current State Grant	2016 - Tullibee Lakes HFHW (Wabasha SWCD)	\$7,200.00	\$7,200.00	4/20/2016	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
314 - Brush Management	1	0	5 AC	0 AC
808M - Rotational Grazing	1	1	5000 LINEAR FEET	0 LINEAR FEET

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)	70.40	TONS/YR
PHOSPHORUS (EST. REDUCTION)	138.72	LBS/YR
SOIL (EST. SAVINGS)	38.09	TONS/YR

Grant Activity

Grant Activity - Beth Johnson			
Description	Rotational Grazing		
Category	AGRICULTURAL PRACTICES		
Start Date	21-Jul-15	End Date	
Has Rates and Hours?	No		
Actual Results	Rotational Grazing: Total project cost \$19,399.38. Landowner cost \$13,349.38. Payment rate of \$0.20/L.F. for single wire, post, electric fence, 80 wood posts @ \$100/ea., 160 steel posts @ \$3.00/ea., 30,000 L.F. of High Tensile Wire @ \$0.10/ea. based on cost estimates, estimated volunteer hours for in-kind match 121 hours @ \$50/hr. Soil loss reduction of 39.09 T/yr., Sediment reduction, and P reduction of 138.72 lbs/yr. of 70.40 T/yr. Applied to 46 acres with 260 contributing acres		

Activity Action - Beth Johnson- Prescribed Grazing			
Practice	808M - Rotational Grazing	Count of Activities	1
Description	Rotational Grazing		
Proposed Size / Units	5,000.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	1 Point(s)		

Final Indicator for Beth Johnson- Prescribed Grazing			
Indicator Name	SEDIMENT (TSS)	Value	70.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Indian		

Final Indicator for Beth Johnson-Prescribed Grazing			
Indicator Name	SOIL (EST. SAVINGS)	Value	38.09
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Indian		
Final Indicator for Beth Johnson-Prescribed Grazing			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	138.72
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	East Indian		

Grant Activity - Beth Johnson (2)			
Description	Invasive Species Mgmt. - Heavy mechanical and hand site prep and fire break, prescribed burn.		
Category	FORESTRY PRACTICES		
Start Date	20-Oct-15	End Date	
Has Rates and Hours?	No		
Actual Results	Heavy Invasive Species Management - Paid as partial payment to cover cost of labor to prep and prescribed burn will be completed spring 2017 to finalize. 5 acres @ \$325/acre		

Activity Action - Beth Johnson - 15-HFW-8			
Practice	314 - Brush Management	Count of Activities	1
Description	Ground prep for prescribed burn and burn		
Proposed Size / Units	5.00 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	
Mapped Activities	No		

Grant Activity - Beth Johnson (3)			
Description	Reforestation and ISM		
Category	FORESTRY PRACTICES		
Start Date	17-Nov-15	End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Cathy Snyder			
Description	Streambank Stabilization		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	22-Sep-15	End Date	17-Nov-15
Has Rates and Hours?	No		
Actual Results	Streambank stabilization project. Total cost came under estimate to be \$1875. 588 linear feet treated for Sediment reduction of 53.13 T/yr, Soil savings of 53.13 T/yr. and P of 53.13 lbs./yr.		

Grant Activity - Chad Dietrich			
Description	Vegetative Cover		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	20-Oct-15	End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Chad and Wendy Dittrich (2)			
Description	Reforestation		
Category	FORESTRY PRACTICES		
Start Date	20-Oct-15	End Date	28-Jun-16
Has Rates and Hours?	No		
Actual Results	Planted 2400 trees for reforestation project. Indicators: TSS - 2.26 T/yr. Soil 0.14 T/yr. Phosphorous 8.19 lbs./yr.		

Grant Activity - Chad and Wendy Dittrich (3)			
Description	Pond cleanout and reshape		
Category	AGRICULTURAL PRACTICES		
Start Date	20-Oct-15	End Date	15-Nov-15
Has Rates and Hours?	No		
Actual Results	Push up pond installed for total cost of \$7950, landowner portion \$2150. Total Sediment reduction 2.35 T/yr., Soil Savings 8.5 T/yr., and P reduction 2.35 lbs./yr.		

Grant Activity - James Krulish			
Description	Invasive Species Management		
Category	FORESTRY PRACTICES		
Start Date	20-Oct-15	End Date	
Has Rates and Hours?	No		
Actual Results	<p>20 acres of invasive species management. Prep. completed. Prescribed burn started and stopped re: fuel and weather conditions. Will be completed later. Cost was in preparing firebreak and preparing for burn.</p> <p>Indicators:</p> <p>TSS 0.12 T/yr.</p> <p>Soil 0.13 T/yr.</p> <p>Phosphorous 0.55 lbs/yr.</p>		

Grant Activity - Marlin Timm			
Description	Reforestation		
Category	FORESTRY PRACTICES		
Start Date	20-Oct-15	End Date	24-May-16
Has Rates and Hours?	No		
Actual Results	Reforestation of 5 acres. Total contract amount \$3000. Paid for partial planting, direct seeding, \$1500. Current landowner cost \$100. Annual sediment reduction of 1.61 T/yr., Soil Savings of .23 T/yr. and P reduction of 5.62 lbs./yr. Planted 900 seedlings in spring of 2016 to complete the project.		

Grant Activity - Michael & Connie Schad			
Description	Invasive Species Management		
Category	FORESTRY PRACTICES		
Start Date	17-Nov-15	End Date	28-Jun-16
Has Rates and Hours?	No		
Actual Results	Cutting and treating as prescribed and preparing firebreak for prescribed burn. Burn for invasive management and forest health completed. Indicators: TSS 1.6 T/yr. Soil .69 T/yr. Phosphorous 5.31 lbs./yr.		

Grant Activity - Ralph Ratz			
Description	Reforestation		
Category	FORESTRY PRACTICES		
Start Date	17-Nov-15	End Date	22-Jun-16
Has Rates and Hours?	No		
Actual Results	Planted 7200 trees for reforestation project. Indicators: TSS - 1.65 T/yr. Soil - .55 T/yr. Phosphorous - 5.2 lbs./yr		

Grant Attachments

Document Name	Document Type	Description
2016 SWCD Programs and Operations Grant	Grant Agreement	2016 SWCD Programs and Operations Grants - Wabasha SWCD
2016 SWCD Programs and Operations Grant executed	Grant Agreement	2016 SWCD Programs and Operations Grants - Wabasha SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/24/2017