



Grant All-Detail Report Tullibee Lakes HFHW - 2016

Grant Title - 2016 - Tullibee Lakes HFHW (Crow Wing SWCD)

Grant ID - P16-3979

Organization - Crow Wing SWCD

Original Awarded Amount	\$30,000.00	Grant Execution Date	8/25/2015
Required Match Amount	\$7,500.00	Original Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Tasha Lauer
Current Awarded Amount	\$30,000.00	Current End Date	12/31/2018

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$30,000.00	\$30,000.00	\$0.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$30,000.00	\$30,000.00	\$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	Matching Fund
Technical SWCD	Forestry Practices	Current State Grant	2016 - Tullibee Lakes HFHW (Crow Wing SWCD)	\$6,000.00	\$5,976.62	6/21/2018	N
Tullibee Project Fund	Forestry Practices	Current State Grant	2016 - Tullibee Lakes HFHW (Crow Wing SWCD)	\$24,000.00	\$24,023.38	1/17/2018	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
612 - Tree/Shrub Establishment	4	1	1 COUNT	1 COUNT
612 - Tree/Shrub Establishment	1	5	2.5 AC	2.5 AC
147M - Forestry Management	1	1	2 AC	2 AC
612 - Tree/Shrub Establishment	1	1	1.5 AC	1.5 AC
314 - Brush Management	1	5	1 AC	1 AC
612 - Tree/Shrub Establishment	3	1	4 AC	3.64 AC

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)	0.63	TONS/YR
PHOSPHORUS (EST. REDUCTION)	0.72	LBS/YR

Grant Activity

Grant Activity - Technical SWCD			
Description	Technical SWCD		
Category	FORESTRY PRACTICES		
Start Date	20-Jan-16	End Date	31-Oct-18
Has Rates and Hours?	Yes		
Actual Results	Funds are being spent on technical time for forestry projects for landowners in Crow Wing County. 11 projects were completed with Practices 612, 327, 490, and 570.		

Grant Activity - Tullibee Project Fund			
Description	Tullibee Project Fund		
Category	FORESTRY PRACTICES		
Start Date	20-Jul-16	End Date	31-Oct-18
Has Rates and Hours?	No		
Actual Results	Funds are being spent on reforestation of landowners in Crow Wing County. 11 projects have been completed with practices #327, 612, 570, 490.		

Activity Action - WAPOA Tree Planting			
Practice	612 - Tree/Shrub Establishment	Count of Activities	1
Description	Practice #612, Tree Planting by several landowners in the area		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	15-Jun-16
Mapped Activities	1 Polygon(s)		

Activity Action - Mission Township-Blassey/Amenson			
Practice	314 - Brush Management	Count of Activities	1
Description	A 1 acre site was converted into wildlife openings, planted with pollinator seed mix		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	9-May-16
Mapped Activities	5 Polygon(s)		

Activity Action - Mattson, Gene			
Practice	612 - Tree/Shrub Establishment	Count of Activities	1
Description	Established a 2.5 acres of trees and shrub plantings to improve natural diversity, wildlife habitat and aesthetics.		
Proposed Size / Units	2.50 AC	Lifespan	10 Years
Actual Size/Units	2.50 AC	Installed Date	11-May-16
Mapped Activities	5 Polygon(s)		

Activity Action - Pelican Lake Association-Tree Planting			
Practice	612 - Tree/Shrub Establishment	Count of Activities	1
Description	Distributed 1200 trees to landowners as a Pelican Lake Association member.		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	18-May-16
Mapped Activities	No		

Activity Action - Camp Arrowhead			
Practice	612 - Tree/Shrub Establishment	Count of Activities	1
Description	150 trees planted, 4000 sq ft hydroseeding, rain garden, forest stewardship plan		
Proposed Size / Units	1.50 AC	Lifespan	10 Years
Actual Size/Units	1.50 AC	Installed Date	30-Jun-18
Mapped Activities	1 Polygon(s)		

Activity Action - Sandberg, Jeff			
Practice	147M - Forestry Management	Count of Activities	1
Description	Forestry Management		
Proposed Size / Units	2.00 AC	Lifespan	10 Years
Actual Size/Units	2.00 AC	Installed Date	28-Jun-17
Mapped Activities	1 Polygon(s)		

Final Indicator for Sandberg, Jeff			
Indicator Name	SEDIMENT (TSS)	Value	.63
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Placid Lake		
Final Indicator for Sandberg, Jeff			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.72
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Placid Lake		

Activity Action - WAPOA Tree Planting			
Practice	612 - Tree/Shrub Establishment	Count of Activities	1
Description	Distributed 1300 trees to members of the WAPOA.		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	10-Jun-17
Mapped Activities	No		

Activity Action - Pelican Lake Association			
Practice	612 - Tree/Shrub Establishment	Count of Activities	1
Description	Distribution of 1200 trees to members of Pelican lake association.		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	15-May-17
Mapped Activities	No		

Activity Action - Camp Arrowhead, Placid Lake			
Practice	612 - Tree/Shrub Establishment	Count of Activities	3
Description	<p>The roadway, where the West Road and North Road intersect were realigned and the profiles raised</p> <ul style="list-style-type: none"> • The existing culvert under the West Road was replaced with a 12" diameter corrugated metal pipe draining runoff from area 1 to pond 4. • A rock riprap spillway was constructed to the bottom of pond 4 from the outlet from pond 1 • The existing Driveway Loop Road connection to the North Road was moved to the east and a 6" diameter plastic pipe constructed under the road draining runoff from area 2 to pond 3 • A rock riprap spillway was constructed to the bottom of pond 3 from the outlet from pond 2 • The outlet for pond 3 is a 12" diameter corrugated metal pipe under the North Road to pond 4 • A rock riprap spillway was constructed to the bottom of pond 4 from the outlet from pond 3 • Pond 4 outlets to the west through a rock spillway with weir elevation of 1300.5 and width of about 10 feet wide 		
Proposed Size / Units	4.00 AC	Lifespan	10 Years
Actual Size/Units	3.64 AC	Installed Date	18-Aug-16
Mapped Activities	1 Polygon(s)		

Grant Attachments

Document Name	Document Type	Description
2016 SWCD Programs and Operations Grant	Grant Agreement	2016 SWCD Programs and Operations Grants - Crow Wing SWCD
2016 SWCD Programs and Operations Grant executed	Grant Agreement	2016 SWCD Programs and Operations Grants - Crow Wing SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/01/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/18/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/18/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/07/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/22/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 07/05/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/28/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/20/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/17/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/21/2018
P16-3979_Financial Report-fina	Grant	2016 - Tullibee Lakes HFHW (Crow Wing SWCD)