



Grant All-Detail Report Community Partners 2016

Grant Title - Long Lake Shore Rehabilitation and Stormwater Treatment

Grant ID - C16-2984

Organization - Isanti SWCD

Grant Awarded Amount	\$25,000.00	Grant Execution Date	3/9/2016
Required Match Amount	\$6,250.00	Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Tiffany Determan

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$25,000.00	\$25,000.00	\$0.00
Total Match Amount	\$6,250.00	\$9,644.87	\$-3,394.87
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$31,250.00	\$34,644.87	\$-3,394.87

**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
Construction	Streambank or Shoreline Protection	Current State Grant	Long Lake Shore Rehabilitation and Stormwater Treatment	\$20,086.00	\$20,086.00	9/26/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
Grant Admin	Administration /Coordination	Current State Grant	Long Lake Shore Rehabilitation and Stormwater Treatment	\$1,764.00	\$1,764.00	12/30/2016	N
Local Match	Streambank or Shoreline Protection	Landowner Fund	Match	\$6,250.00	\$9,644.87	10/8/2016	Y
Project coordination	Technical/Engineering Assistance	Current State Grant	Long Lake Shore Rehabilitation and Stormwater Treatment	\$3,150.00	\$3,150.00	12/30/2016	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
342 - Critical Area Planting	3	1	100 LINEAR FEET	100 LINEAR FEET
342 - Critical Area Planting	1	1	90 LINEAR FEET	90 LINEAR FEET
342 - Critical Area Planting	1	1	225 LINEAR FEET	225 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	100 LINEAR FEET	100 LINEAR FEET
342 - Critical Area Planting	1	1	150 LINEAR FEET	150 LINEAR FEET

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
Construction	PHOSPHORUS (EST. REDUCTION)	.6 LBS/YR	Long Lake	BWSR CALC (STREAM & DITCH STABILIZATION)	Calc also uses Winslamm and WI NRCS bank erosion method
Construction	SEDIMENT (TSS)	6300 TONS/YR	Long Lake	BWSR CALC (STREAM & DITCH STABILIZATION)	Calc also uses Winslamm and WI NRCS bank erosion method

Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	2.19	TONS/YR
PHOSPHORUS (EST. REDUCTION)	2.74	LBS/YR
SOIL (EST. SAVINGS)	0.21	TONS/YR

Grant Activity

Grant Activity - Construction

Description	Sub-grant to Long Lake Improvement Association for contractor coordination, designs, materials, installation and similar.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-16	End Date	08-Oct-16
Has Rates and Hours?	No		
Actual Results	7 stormwater reduction/shoreline restoration projects were completed as follows: Orr: 1184 sq ft Mackereth: 2580 sq ft Madson: 950 sq ft Nelson, Wayde: 750 sq ft Nelson, Tom: 800 sq ft Preekett: 540 sq ft Balaban: 200 sq ft		

Activity Action - Mackereth Shoreline Restoration

Practice	342 - Critical Area Planting	Count of Activities	1
Description	225 feet long by 12 feet wide- native planting with willow wattles.		
Proposed Size / Units	225.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	225.00 LINEAR FEET	Installed Date	16-Jul-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Mackereth Shoreline Restoration

Indicator Name	Value
PHOSPHORUS (EST. REDUCTION)	.53

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		
Final Indicator for Mackereth Shoreline Restoration			
Indicator Name	SEDIMENT (TSS)	Value	.04
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		

Activity Action - Orr Lakeshore Restoration			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	lakeshore stabilization/stormwater runoff red.		
Proposed Size / Units	100.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	100.00 LINEAR FEET	Installed Date	2-Aug-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Orr Lakeshore Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.06
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		

Final Indicator for Orr Lakeshore Restoration			
Indicator Name	SEDIMENT (TSS)	Value	.04
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		

Activity Action - Madson Lakeshore Restoration			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	lakeshore stabilization/stormwater runoff red.		
Proposed Size / Units	100.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	100.00 LINEAR FEET	Installed Date	21-Aug-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Madson Lakeshore Restoration			
Indicator Name	SOIL (EST. SAVINGS)	Value	.21
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		

Final Indicator for Madson Lakeshore Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.91

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		

Activity Action - Nelson, Wayde Lakeshore Restoration			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	lakeshore stabilization/stormwater runoff red.		
Proposed Size / Units	150.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	150.00 LINEAR FEET	Installed Date	24-Sep-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Nelson, Wayde Lakeshore Restoration

Indicator Name	SEDIMENT (TSS)	Value	.14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		

Final Indicator for Nelson, Wayde Lakeshore Restoration

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		

Activity Action - Nelson, Tom Lakeshore Restoration			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	lakeshore stabilization/stormwater runoff red.		
Proposed Size / Units	100.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	100.00 LINEAR FEET	Installed Date	21-Aug-16
Mapped Activities	1 Line(s)		

Final Indicator for Nelson, Tom Lakeshore Restoration

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.47
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		

Final Indicator for Nelson, Tom Lakeshore Restoration

Indicator Name	SEDIMENT (TSS)	Value	.31
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		

Activity Action - Preekett Lakeshore Restoration			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	lakeshore stabilization/stormwater runoff red.		
Proposed Size / Units	90.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	90.00 LINEAR FEET	Installed Date	8-Oct-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Preekett Lakeshore Restoration			
Indicator Name	SEDIMENT (TSS)	Value	.28
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		
Final Indicator for Preekett Lakeshore Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.41
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		

Activity Action - Balaban Lakeshore Restoration			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	lakeshore stabilization/stormwater runoff red.		
Proposed Size / Units	100.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	100.00 LINEAR FEET	Installed Date	8-Oct-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Balaban Lakeshore Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	WINSLAMM
Waterbody	Laong Lake		
Final Indicator for Balaban Lakeshore Restoration			
Indicator Name	SEDIMENT (TSS)	Value	1.38
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WINSLAMM
Waterbody	Long Lake		

Grant Activity - Grant Admin			
Description	Required reporting, bookkeeping and similar		
Category	ADMINISTRATION/COORDINATION		
Start Date	10-Mar-16	End Date	30-Dec-16
Has Rates and Hours?	No		
Actual Results	Admin and Coordination time has been spent on grant tracking, development of MOUs, project applications and contracts, financial and time tracking sheets for the lake association, and input of potential project sites.		

Grant Activity - Local Match			
Description	Local Match- mix of Lake Improvement District funds and landowner funds.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date		End Date	08-Oct-16
Has Rates and Hours?	No		
Actual Results	Match was proposed to consist of \$4,800 cash match by the LID and \$1,450 by in-kind labor to complete the plantings. In-kind labor exceeded the estimated match by: \$3,392. LID and LLIA volunteers assisted with project prep and planting at all sites!		

Grant Activity - Project coordination			
Description	General project communications, project site selection, pollutant reduction estimates for each site/design, review project designs including a site visit, secure TAA sign-off on designs, inspect completed projects, advise and secure O & M agreements.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	10-Mar-16	End Date	30-Dec-16
Has Rates and Hours?	No		
Actual Results	Staff time spent on scoring of initial project locations, site visits with lake association and contractor, conversations with DNR hydrologist on approved project concepts, and a presentation at the annual lake association/Lake improvement district meeting.		

Grant Attachments

Document Name	Document Type	Description
2016 Competitive Grant	Grant Agreement	2016 Competitive Grant - Isanti SWCD
2016 Competitive Grant executed	Grant Agreement	2016 Competitive Grant - Isanti SWCD
50% voucher	Grant	Long Lake Shore Rehabilitation and Stormwater Treatment
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 07/19/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/02/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/05/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/16/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 07/19/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/02/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 07/18/2016
Application	Workflow Generated	Workflow Generated - Application - 08/25/2015
Final report	Grant	Long Lake Shore Rehabilitation and Stormwater Treatment
Long Lake Improvement Association support letter	Grant	Long Lake Shore Rehabilitation and Stormwater Treatment
Long Lake Improvement District support letter	Grant	Long Lake Shore Rehabilitation and Stormwater Treatment
Long Lake Project Ranking	Grant	Long Lake Shore Rehabilitation and Stormwater Treatment
Long Lake Shore Reha and Stormwater Treatment Image - Isanti SWCD	Grant	Long Lake Shore Rehabilitation and Stormwater Treatment
Project Summary	Grant	Long Lake Shore Rehabilitation and Stormwater Treatment
Signed Final Financial Report	Grant	Long Lake Shore Rehabilitation and Stormwater Treatment
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/16/2015
grantmap_14446_2015-08-11_01-23-41-PM.jpg	Grant	Long Lake Shore Rehabilitation and Stormwater Treatment
interim 40% approval	Grant	Long Lake Shore Rehabilitation and Stormwater Treatment