

# **Grant All-Detail Report Disaster Relief 2016**

**Grant Title -** 2014 - Minnesota Flood Relief Grant Phase 3A (Lake of the Woods SWCD )

**Grant ID** - P16-2527

**Organization -** Lake of the Woods SWCD

Grant Awarded Amount	\$421,600.00	Grant Execution Date	5/16/2016
Required Match Amount	\$0.00	Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Josh Stromlund

#### **Budget Summary**

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$421,600.00	\$78,779.83	\$342,820.17
Total Match Amount	\$100,000.00	\$21,143.98	\$78,856.02
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$521,600.00	\$99,923.81	\$421,676.19

<sup>\*</sup>Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

#### **Budget Details**

Activity						
					Transaction	ng
Category	Source Type	Source Description	Budgeted	Spent	Date	Fund
, .		2014 - Minnesota Flood Relief Grant Phase 3A (Lake of the Wo	\$90,000.00	\$21,447.51	12/31/2017	N
		2014 - Minnesota Flood Relief Grant Phase 3A (Lake of the Wo	\$291,600.00	\$51,116.92	11/13/2017	N
	Landowner Fund	landowner match	\$100,000.00	\$21,143.98	11/13/2017	Υ
tt	eering ssistance creambank or noreline rotection creambank or noreline	echnical/Engi Current seering State Grant ssistance creambank or Current noreline State Grant rotection creambank or Landowner noreline Fund	echnical/Engi Current 2014 - Minnesota Flood Relief Evering State Grant Grant Phase 3A (Lake of the Wo  Ereambank or Current 2014 - Minnesota Flood Relief From State Grant Grant Phase 3A (Lake of the Wo  Ereambank or Landowner Fund landowner match	cechnical/Engi Current 2014 - Minnesota Flood Relief \$90,000.00 Evering State Grant Grant Phase 3A (Lake of the Wo  Extreambank or Current 2014 - Minnesota Flood Relief \$291,600.00 Extreambank or State Grant Grant Phase 3A (Lake of the Wo  Extreambank or Landowner Fund landowner match	echnical/Engi Current 2014 - Minnesota Flood Relief \$90,000.00 \$21,447.51 eering State Grant Grant Phase 3A (Lake of the Wo  treambank or Current 2014 - Minnesota Flood Relief \$291,600.00 \$51,116.92 ering State Grant Grant Phase 3A (Lake of the Wo  treambank or Landowner Fund landowner match	echnical/Engi Current 2014 - Minnesota Flood Relief \$90,000.00 \$21,447.51 12/31/2017 Evering State Grant Grant Phase 3A (Lake of the Wo  Extreambank or Current 2014 - Minnesota Flood Relief State Grant Grant Phase 3A (Lake of the Wo  Extreambank or State Grant Grant Phase 3A (Lake of the Wo  Extreambank or Landowner Fund landowner match

Report created on:2/23/18 Page 1 of 9

						Last	Matchi
	Activity					Transaction	ng
Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Date	Fund
Staff time - Program	Planning and	Current	2014 - Minnesota Flood Relief	\$40,000.00	\$6,215.40	12/31/2017	N
Implementation	Assessment	State Grant	Grant Phase 3A (Lake of the				
			Wo				

## **Activity Details Summary**

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline	7	1	1 COUNT	1 COUNT
Protection				

## **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)	175.25	TONS/YR
PHOSPHORUS (EST. REDUCTION)	176.04	LBS/YR
SOIL (EST. SAVINGS)	175.25	TONS/YR

## **Grant Activity**

Grant Activity - Contracted services, Engineering Firms					
Description	Contracted services, Engineering Firms				
Category	TECHNICAL/ENGINEERING ASSISTANCE				
Start Date	End Date				
Has Rates and Hours?	No				
Actual Results	Conducted 2 days of site visits to Phase 3 projects. Completed reports from site visits. Began working on design plans and certification plans.				
	As of 12/31/17 - WSN has provided engineering services for all completed projects. Site investigations and preliminary design work has been completed for an additional 8 projects. The JPB technicians have been conducting site surveys, and perform the construction staking and closeout surveys.				

Grant Activity - On The Ground Projects						
Description	Riprap for shoreline protection.					
Category	STREAMBANK OR SHORELINE PROTECTION	STREAMBANK OR SHORELINE PROTECTION				
Start Date	1-Jul-16	End Date	31-Dec-18			
Has Rates and Hours?	No					
Actual Results	Cost share on repairs completed in 2014 and f	ost share on repairs completed in 2014 and for work completed to upgrade existing riprap projects.				

	Activity Action - Mohawk FY15-51DRAP - PH3						
	Practice		580 - Streambank and Shoreline	Count of Activities			1
		Protection					
	Description		Reimbursement for 2014 flood dama	ges			
	Proposed Size / Units		1.00 COUNT	Lifespan 10 Years		10 Years	
	Actual Size/Un	nits	1.00 COUNT	<b>Installed Date</b>			
	Mapped Activ	ities	1 Line(s)				
Final Indicator for	r Mohawk FY1	5-51DRAP	- PH3				
Indicator Name SOIL (EST		SOIL (EST.	. SAVINGS)		Value	17	
Indicator Subcategory/Units WATER P		WATER PO	POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool		R CALC (STREAM & DITCH SILIZATION)

Waterbody	Lake of the Woods							
Final Indicator for Mohawk FY15-51DRAP - PH3								
Indicator Name	SEDIMENT (TSS)	Value	17					
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH					
			STABILIZATION)					
Waterbody	Lake of the Woods							
Final Indicator for Mohawk FY	15-51DRAP - PH3							
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	17					
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH					
			STABILIZATION)					
Waterbody	Lake of the Woods							

	Edite of the Woods					
	Activity Action	n - Wang FY	15-65 DRAP			
	Practice		580 - Streambank and Shoreline	Count o	f Activities	1
			Protection			
	Description		riprap			
	<b>Proposed Size</b>	/ Units	1.00 COUNT	Lifespar	1	10 Years
	Actual Size/Ur	nits	1.00 COUNT	Installed	d Date	
	Mapped Activ	ities	1 Line(s)			
Final Indicator for	r Wang FY15-6	55 DRAP				
Indicator Name		SEDIMEN <sup>*</sup>	T (TSS)		Value	5.25
Indicator Subcates	gory/Units	WATER PO	POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (STREAM & DITCH
						STABILIZATION)
Waterbody		Lake of th	e Woods			
Final Indicator for	r Wang FY15-6	55 DRAP				
Indicator Name		PHOSPHO	ORUS (EST. REDUCTION)		Value	6.04
Indicator Subcates	gory/Units	WATER PO	R POLLUTION (REDUCTION ESTIMATES) LBS/YR		Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody		Lake of th	ake of the Woods			
Final Indicator for	r Wang FY15-6	55 DRAP				
Indicator Name		SOIL (EST.	. SAVINGS)		Value	5.25
Indicator Subcategory/Units WATER P		WATER PO	POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody		Lake of th	e Woods			

	Activity Action	n - Dally FY	15-06 DRAP				
	Practice  Description  Proposed Size / Units  Actual Size/Units		580 - Streambank and Shoreline Protection	Count o	f Activities		1
			riprap				
			1.00 COUNT	Lifespan		10 Years	
			1.00 COUNT	Installed	l Date		
	Mapped Activ	ities	1 Line(s)	1 Line(s)			
Final Indicator fo	or Dally FY15-0	6 DRAP					
<b>Indicator Name</b>		SOIL (EST	. SAVINGS)		Value	8.5	
Indicator Subcategory/Units WATER		WATER P			R CALC (STREAM & DITCH BILIZATION)		
Waterbody Lake of			ke of the Woods				
Final Indicator fo	or Dally FY15-0	6 DRAP					
<b>Indicator Name</b>		PHOSPHO	IORUS (EST. REDUCTION)		Value	8.5	
Indicator Subcate	egory/Units	WATER P	OLLUTION (REDUCTION ESTIMATES) LBS/YR Calculation Tool BWSR CALC (STREAT STABILIZATION)		R CALC (STREAM & DITCH BILIZATION)		
Waterbody			re of the Woods				
Final Indicator fo	or Dally FY15-0	6 DRAP					
<b>Indicator Name</b>		SEDIMEN	ENT (TSS)		Value	8.5	
Indicator Subcate	egory/Units	WATER P	R POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool		R CALC (STREAM & DITCH BILIZATION)
Waterbody Lake o		Lake of th	ake of the Woods				
	Activity Action - Houser		FY15-43DRAP				
	Practice		580 - Streambank and Shoreline Protection	Count o	f Activities		1
	Description		riprap protection				

	Activity Action	ı - Houser F	Y15-43DRAP				
	Practice		580 - Streambank and Shoreline	Count o	f Activities		1
			Protection				
	Description		riprap protection				
	Proposed Size / Units		1.00 COUNT	Lifespan			10 Years
	Actual Size/Units		1.00 COUNT	<b>Installed Date</b>			14-Sep-17
	Mapped Activ	ities	1 Line(s)				
Final Indicator for	r Houser FY15-	-43DRAP					
<b>Indicator Name</b>	licator Name PHOSPHO		ORUS (EST. REDUCTION)		Value	42.5	
Indicator Subcategory/Units WATER PO		POLLUTION (REDUCTION ESTIMATES) LBS/YR		Calculation Tool		R CALC (STREAM & DITCH	
					STAE	SILIZATION)	
Waterbody	Lake of t		e Woods				

Final Indicator for Houser FY15-43DRAP					
Indicator Name	SOIL (EST. SAVINGS)	Value	42.5		
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)		
Waterbody	Lake of the Woods				
Final Indicator for Houser FY15	-43DRAP				
Indicator Name	SEDIMENT (TSS)	Value	42.5		
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)		
Waterbody	Lake of the Woods				

	Activity Action - Evenson		FY15-56 DRAP PH3			
	Practice		580 - Streambank and Shoreline	Count of Activities		1
			Protection	Protection		
	Description		riprap			
	<b>Proposed Size</b>	/ Units	1.00 COUNT	Lifespar	1	10 Years
	Actual Size/Un	nits	1.00 COUNT	1.00 COUNT Installed Date		
	Mapped Activ	ities	1 Line(s)			
Final Indicator for Evenson FY15-56 DRAI		5-56 DRAP	PH3			
<b>Indicator Name</b>		PHOSPHO	ORUS (EST. REDUCTION)		Value	34
Indicator Subcategory/Units		WATER PO	ATER POLLUTION (REDUCTION ESTIMATES) LBS/YR		Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody		Lake of th	ne Woods			
Final Indicator for	r Evenson FY15	5-56 DRAP	PH3			
<b>Indicator Name</b>		SEDIMENT	IT (TSS)		Value	34
Indicator Subcates	gory/Units	WATER PO	NATER POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody		Lake of th	f the Woods			
Final Indicator for Evenson FY15-56 DRAI		5-56 DRAP	PH3			
Indicator Name SOIL (E		SOIL (EST.	SAVINGS)		Value	34
Indicator Subcate	Indicator Subcategory/Units WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)		
Waterbody		Lake of th	e Woods			

	Activity Action - Brunell F		Y15-55 DRAP				
	Practice		580 - Streambank and Shoreline	580 - Streambank and Shoreline Count of Activities			1
			Protection	rotection			
	Description Proposed Size / Units Actual Size/Units		riprap				
			1.00 COUNT	Lifespan		10 Years	
			1.00 COUNT	Installed	l Date		
	Mapped Activ	ities	1 Line(s)				
Final Indicator fo	r Brunell FY15	-55 DRAP					
<b>Indicator Name</b>		PHOSPHO	RUS (EST. REDUCTION)		Value	34	
Indicator Subcategory/Units WATER P		WATER PO	OLLUTION (REDUCTION ESTIMATES) LBS/YR		Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)	
Waterbody			the Woods				
<b>Final Indicator fo</b>	r Brunell FY15	-55 DRAP					
Indicator Name		SEDIMEN <sup>*</sup>	ENT (TSS)		Value	34	
<b>Indicator Subcate</b>	egory/Units	WATER PO	R POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool		R CALC (STREAM & DITCH BILIZATION)
Waterbody		Lake of th	se of the Woods				
<b>Final Indicator fo</b>	r Brunell FY15	-55 DRAP					
<b>Indicator Name</b>		SOIL (EST.	OIL (EST. SAVINGS)		Value	34	
Indicator Subcategory/Units WATER P		WATER PO	POLLUTION (REDUCTION ESTIMATES) TONS/YR		Calculation Tool		R CALC (STREAM & DITCH BILIZATION)
Waterbody	Vaterbody Lake of th		the Woods				
	Activity Action	n - Merry F	Y15-48 DRAP - PH3				
	Practice		580 - Streambank and Shoreline	Counto	f Activities		1

	Activity Action	ı - Merry F\	/15-48 DRAP - PH3				
	Practice		580 - Streambank and Shoreline	Count of Activities		1	
			Protection				
	Description		riprap				
	Proposed Size / Units		1.00 COUNT	Lifespan		10 Years	
	Actual Size/Units		1.00 COUNT	Installed Date			
	Mapped Activ	ities	1 Line(s)				
Final Indicator for	r Merry FY15-4	48 DRAP -	PH3				
<b>Indicator Name</b>		SEDIMEN	IT (TSS)		Value	34	
Indicator Subcategory/Units WATER PO		OLLUTION (REDUCTION ESTIMATES) TO	ONS/YR	Calculation Tool		R CALC (STREAM & DITCH BILIZATION)	
Waterbody	ody Lake of th		e Woods				

Final Indicator for Merry FY15-48 DRAP - PH3						
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	34			
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)			
Waterbody	Lake of the Woods					
Final Indicator for Merry FY15-	Final Indicator for Merry FY15-48 DRAP - PH3					
Indicator Name	SOIL (EST. SAVINGS)	Value	34			
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)			
Waterbody	Lake of the Woods					

Grant Activity - Staff time -	Program Implementation
Description	Staff time - Program Implementation
Category	PLANNING AND ASSESSMENT
Start Date	End Date
Has Rates and Hours?	No
Actual Results	As of 12/31/2016 - assisted ~20 landowners with new DRAP contracts, arranged site visits for engineer, project management and coordination, policy development and review, field weekly phonecalls and inquiries into available funding, fulfill requirements of contracting including invoices, maintenance plans, project documentation, etc  As of 12/31/2017 - As of 12/31/17 - implementation of phase 2 disaster funds. Working with multiple landowners to develop project contracts, estimates, plans, and final payment paperwork. Oversee the installation of all projects. Provide coordination and facilitate conversations between landowners, permit authorities, engineer, JPB survey technicians and
	contractor. Continue to provide monthly updates and spreadsheets to the SWCD board. Update all eLink reporting as projects are completed. Track all funds in QuickBooks. Respond to daily phonecalls regarding the disaster funding programs.

#### **Grant Attachments**

Document Name	Document Type	Description
2014 DR-4182 Flood Relief Phase 3A	Grant Agreement	2014 DR-4182 Flood Relief Phase 3A - Lake of the Woods SWCD
2014 DR-4182 Flood Relief Phase 3A executed	Grant Agreement	2014 DR-4182 Flood Relief Phase 3A - Lake of the Woods SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2018

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/24/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/20/2017
DRAP Round 3 agreement	Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Lake of the Woods
		SWCD )