



Grant All-Detail Report Disaster Relief 2016

Grant Title - 2014 - Minnesota Flood Relief Grant Phase 2 (Lake of the Woods SWCD)

Grant ID - P16-7793

Organization - Lake of the Woods SWCD

Grant Awarded Amount	\$210,100.00	Grant Execution Date	9/15/2015
Required Match Amount	\$0.00	Grant End Date	12/31/2017
Required Match %	0%	Grant Day To Day Contact	Josh Stromlund

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$210,100.00	\$198,478.56	\$11,621.44
Total Match Amount	\$22,225.07	\$22,225.07	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$232,325.07	\$220,703.63	\$11,621.44

**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
Engineering Services	Technical/Engineering Assistance	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Lake of the Woo..	\$43,969.84	\$43,969.84	12/31/2017	N
On the ground project	Streambank or Shoreline Protection	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Lake of the Woo..	\$151,966.03	\$140,344.59	12/14/2017	N
On the ground project	Streambank or Shoreline Protection	Landowner Fund	landowner match	\$22,225.07	\$22,225.07	12/14/2017	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Staff Time - Program Implementation	Planning and Assessment	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Lake of the Woo..	\$14,164.13	\$14,164.13	12/31/2017	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline Protection	8	1	1 COUNT	1 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
---------------	----------------	---------------	-----------	------------------	----------

Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	439.88	TONS/YR
PHOSPHORUS (EST. REDUCTION)	439.88	LBS/YR
SOIL (EST. SAVINGS)	439.88	TONS/YR

Grant Activity

Grant Activity - Engineering Services			
Description	Engineering Services		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	<p>WSN Engineering completed site visits to all phase 2 applicants. Working on site evaluations and landowner contacts. Developed a list of projects for certification and additional work needed.</p> <p>As of 12/31/17 - WSN continues to provide engineering services for all projects funded via the Disaster Recovery Assistance Program. All projects completed and entered into the On the Ground Projects Activity report have been designed and certified by WSN Engineering. The Joint Powers technicians have provided survey services, including the initial topographic survey and the pre-construction staking for projects.</p>		

Grant Activity - On the ground project			
Description	On the ground project		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	See Activity Detail list.		

Activity Action - Baldwin FY15-39DRAP PH			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	shoreline riprap		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	
Mapped Activities	1 Line(s)		

Final Indicator for Baldwin FY15-39DRAP PH			
Indicator Name	SEDIMENT (TSS)	Value	85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)

Waterbody	Lake of the Woods		
Final Indicator for Baldwin FY15-39DRAP PH			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		
Final Indicator for Baldwin FY15-39DRAP PH			
Indicator Name	SOIL (EST. SAVINGS)	Value	85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Activity Action - Schuette FY15-20DRAP			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	24-Jul-17
Mapped Activities	1 Line(s)		

Final Indicator for Schuette FY15-20DRAP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10.63
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		
Final Indicator for Schuette FY15-20DRAP			
Indicator Name	SEDIMENT (TSS)	Value	10.63
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		
Final Indicator for Schuette FY15-20DRAP			
Indicator Name	SOIL (EST. SAVINGS)	Value	10.63
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Activity Action - Ramiller FY15-31 DRAP			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	31-Jul-17
Mapped Activities	1 Line(s)		

Final Indicator for Ramiller FY15-31 DRAP			
Indicator Name	SOIL (EST. SAVINGS)	Value	68
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Final Indicator for Ramiller FY15-31 DRAP			
Indicator Name	SEDIMENT (TSS)	Value	68
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Final Indicator for Ramiller FY15-31 DRAP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	68
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Activity Action - Nohner FY15-66 DRAP			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	14-Sep-17
Mapped Activities	1 Line(s)		

Final Indicator for Nohner FY15-66 DRAP			
Indicator Name	SOIL (EST. SAVINGS)	Value	63.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Final Indicator for Nohner FY15-66 DRAP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	63.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		
Final Indicator for Nohner FY15-66 DRAP			
Indicator Name	SEDIMENT (TSS)	Value	63.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Activity Action - Koster FY15-40 DRAP - PH2			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	riprap protection project		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	13-Nov-17
Mapped Activities	1 Line(s)		

Final Indicator for Koster FY15-40 DRAP - PH2			
Indicator Name	SOIL (EST. SAVINGS)	Value	76.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		
Final Indicator for Koster FY15-40 DRAP - PH2			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	76.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		
Final Indicator for Koster FY15-40 DRAP - PH2			
Indicator Name	SEDIMENT (TSS)	Value	76.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Activity Action - Pahlen FY15-47 DRAP - PH2			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	riprap		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	13-Nov-17
Mapped Activities	1 Line(s)		

Final Indicator for Pahlen FY15-47 DRAP - PH2

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		

Final Indicator for Pahlen FY15-47 DRAP - PH2

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 Pahlen FY15-47 DRAP - PH2

Indicator Name	SEDIMENT (TSS)	Value	34
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Activity Action - Waage FY15-38 DRAP - PH2			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	riprap		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	14-Dec-17
Mapped Activities	1 Line(s)		

Final Indicator for Waage FY15-38 DRAP - PH2

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Final Indicator for Waage FY15-38 DRAP - PH2			
Indicator Name	SEDIMENT (TSS)	Value	51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		
Final Indicator for Waage FY15-38 DRAP - PH2			
Indicator Name	SOIL (EST. SAVINGS)	Value	51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Activity Action - Hardina FY15-36 DRAP			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	riprap		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	
Mapped Activities	1 Line(s)		

Final Indicator for Hardina FY15-36 DRAP			
Indicator Name	SEDIMENT (TSS)	Value	51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		
Final Indicator for Hardina FY15-36 DRAP			
Indicator Name	SOIL (EST. SAVINGS)	Value	51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		
Final Indicator for Hardina FY15-36 DRAP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/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	<p>As of 12/31/2016 - implementation of the phase 2 disaster funds including conducting and coordinating site visits and site surveys, landowner contacts, fund tracking and disbursement, maintaining cooperator files. Mapped all projects and created a spreadsheet to track status.</p> <p>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. Perform 1st year site inspections on projects completed in 2016. Respond to daily phonecalls regarding the disaster funding programs.</p>		

Grant Attachments

Document Name	Document Type	Description
2014 DR-4182 Flood Relief Phase 2	Grant Agreement	2014 DR-4182 Flood Relief Phase 2 - Lake of the Woods SWCD
2014 DR-4182 Flood Relief Phase 2 executed	Grant Agreement	2014 DR-4182 Flood Relief Phase 2 - Lake of the Woods SWCD
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
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2016
Amendment	Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Lake of the Woods SWCD)