



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

**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
Contracted services, Engineering Firms	Technical/Engineering Assistance	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Lake of the Wo..	\$90,000.00	\$21,447.51	12/31/2017	N
On The Ground Projects	Streambank or Shoreline Protection	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Lake of the Wo..	\$291,600.00	\$51,116.92	11/13/2017	N
On The Ground Projects	Streambank or Shoreline Protection	Landowner Fund	landowner match	\$100,000.00	\$21,143.98	11/13/2017	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 3A (Lake of the Wo..	\$40,000.00	\$6,215.40	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	7	1	1 COUNT	1 COUNT

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	<p>Conducted 2 days of site visits to Phase 3 projects. Completed reports from site visits. Began working on design plans and certification plans.</p> <p>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.</p>		

Grant Activity - On The Ground Projects

Description	Riprap for shoreline protection.		
Category	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 for work completed to upgrade existing riprap projects.		

Activity Action - Mohawk FY15-51DRAP - PH3			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Reimbursement for 2014 flood damages		
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 Mohawk FY15-51DRAP - PH3			
Indicator Name	SOIL (EST. SAVINGS)	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 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 FY15-51DRAP - 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		

Activity Action - Wang FY15-65 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 Wang FY15-65 DRAP			
Indicator Name	SEDIMENT (TSS)	Value	5.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		
Final Indicator for Wang FY15-65 DRAP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6.04
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		
Final Indicator for Wang FY15-65 DRAP			
Indicator Name	SOIL (EST. SAVINGS)	Value	5.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Activity Action - Dally FY15-06 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 Dally FY15-06 DRAP			
Indicator Name	SOIL (EST. SAVINGS)	Value	8.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Final Indicator for Dally FY15-06 DRAP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Final Indicator for Dally FY15-06 DRAP			
Indicator Name	SEDIMENT (TSS)	Value	8.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Activity Action - Houser FY15-43DRAP			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	riprap protection		
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 Houser FY15-43DRAP			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	42.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake of the Woods		

Final Indicator for 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 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 Evenson FY15-56 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 Evenson FY15-56 DRAP PH3			
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		
Final Indicator for Evenson FY15-56 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		

Activity Action - Brunell FY15-55 DRAP			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	rirap		
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 Brunell FY15-55 DRAP

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 Brunell FY15-55 DRAP

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		

Final Indicator for Brunell FY15-55 DRAP

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		

Activity Action - Merry FY15-48 DRAP - PH3			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	rirap		
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 Merry FY15-48 DRAP - PH3

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		

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 FY15-48 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	<p>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...</p> <p>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.</p>		

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)