



Grant All-Detail Report Disaster Relief 2016

Grant Title - 2014 - Minnesota Flood Relief Grant Phase 3A (Redwood SWCD)

Grant ID - P16-2195

Organization - Redwood SWCD

Grant Awarded Amount	\$181,830.00	Grant Execution Date	5/11/2016
Required Match Amount	\$0.00	Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Marilyn Bernhardson

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$126,684.75	\$126,684.75	\$0.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$8,530.50	\$8,530.50	\$0.00
Total	\$135,215.25	\$135,215.25	\$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
Administration/Coordination	Administration /Coordination	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Redwood SWCD)	\$988.22	\$988.22	11/30/2017	N
Doubler Grade Stab Structure Repair	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Redwood SWCD)	\$20,827.84	\$20,827.84	12/13/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Jeckell Grade Stab Structure	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Redwood SWCD)	\$69,639.00	\$69,639.00	11/1/2017	N
Plaetz Basin	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Redwood SWCD)	\$3,243.16	\$3,243.16	12/13/2017	N
Technical & Engineering Assistance	Technical/Engineering Assistance	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Redwood SWCD)	\$12,352.53	\$12,352.53	12/31/2017	N
Waraju Grade Stab-Repairs	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Redwood SWCD)	\$19,634.00	\$19,634.00	7/12/2017	N
Waraju Grade Stab-Repairs	Agricultural Practices	Other Funds	2014 - Minnesota Flood Relief Grant Phase 2 (Redwood SWCD)	\$8,530.50	\$8,530.50	7/12/2017	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
410 - Grade Stabilization Structure	1	1	1 COUNT	COUNT
410 - Grade Stabilization Structure	2	2	1 COUNT	1 COUNT
638 - Water and Sediment Control Basin	1	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)	847.83	TONS/YR

PHOSPHORUS (EST. REDUCTION)	807.80	LBS/YR
SOIL (EST. SAVINGS)	934.83	TONS/YR

Grant Activity

Grant Activity - Administration/Coordination			
Description	Funds will be used to administer different aspects of each project, including cost share vouchers, spreadsheets & reporting.		
Category	ADMINISTRATION/COORDINATION		
Start Date	13-May-16	End Date	31-Dec-18
Has Rates and Hours?	Yes		
Actual Results	<p>12/31/17: A total of \$988.22 has been paid out for wages for Admin/Coor of the Flood Relief Grant Phase 3A.</p> <p>District Administrator - 4 hrs X 69.68 = 278.72</p> <p>Office Assistant - 22 hrs X 32.25 = 709.50</p>		

Grant Activity - Doubler Grade Stab Structure Repair			
Description	<p>Doubler Grade Stab Structure Repair.</p> <p>Landowner has asked for cost share to repair a grade stabilization Structure.</p>		
Category	AGRICULTURAL PRACTICES		
Start Date	9-Aug-17	End Date	13-Dec-17
Has Rates and Hours?	No		
Actual Results	<p>Landowner contacts were made & a sight inspection was completed by qualified staff. Contract was signed and has been approved by the Redwood SWCD Board. Construction will begin in the fall of 2017. Design, survey & construction was completed on this structure according to the technical standards and specifications of the grade stab structure. Brian Pfarr, Resource Specialist and Kurt Mathiowetz, WQT with Redwood SWCD assisted Duane Hensel, Area II PE with this structure. Inspection was completed and as-built was received. Payment was issued to the landowner at 100% of the cost of the practice.</p>		

Activity Action - Doubler Grade Stab Structure Repair			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Grade stab repairs have been completed and payment has been issued.		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	13-Dec-17
Mapped Activities	1 Point(s)		

Final Indicator for Doubler Grade Stab Structure Repair			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29047		
Final Indicator for Doubler Grade Stab Structure Repair			
Indicator Name	SOIL (EST. SAVINGS)	Value	92
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29047		
Final Indicator for Doubler Grade Stab Structure Repair			
Indicator Name	SEDIMENT (TSS)	Value	75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29047		

Grant Activity - Jeckell Grade Stab Structure			
Description	Landowner has requested cost share assistance for repairs on a grade stab structure. There is active gully erosion occurring on the site. Without controlling the surface runoff the head-cutting will continue to affect the area. Stabilizing the gully will eliminate the erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Dec-16	End Date	01-Nov-17
Has Rates and Hours?	No		
Actual Results	Brian Pfarr, Resource Specialist & Kurt Mathiowetz, Water Quality Technician met with the landowner to discuss options for this site. Cost share contract has been signed & the location for this project has been decided. 11/1/2017: This structure has been designed, staked & construction has been completed. This practice was planned and installed in accordance with the technical standards and specifications of the (410) Grade Stabilization Structure. Brian Pfarr, Resource Specialist & Kurt Mathiowetz, WQT with the Redwood SWCD assisted Duane Hensel, PE from Area II. Duane Hensel completed the inspection and the as-built was received. Payment has been issued for 100% of the cost of the practice as it was a repair.		

Activity Action - Jeckell Grade Stab Structure Repair			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Cost share assistance was requested to help with a gully erosion issue. Will be 100% as it is a repair.		
Proposed Size / Units	1.00 COUNT	Lifespan	20 Years
Actual Size/Units	COUNT	Installed Date	1-Nov-17
Mapped Activities	1 Point(s)		

Final Indicator for Jeckell Grade Stab Structure Repair			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	513
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29063		
Final Indicator for Jeckell Grade Stab Structure Repair			
Indicator Name	SEDIMENT (TSS)	Value	513
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29063		
Final Indicator for Jeckell Grade Stab Structure Repair			
Indicator Name	SOIL (EST. SAVINGS)	Value	626
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29063		

Grant Activity - Plaetz Basin			
Description	Landowner requested assistance with an erosion issue. It was decided a water and sediment control basin would be the best fix for this problem.		
Category	AGRICULTURAL PRACTICES		
Start Date	9-Aug-17	End Date	13-Dec-17
Has Rates and Hours?	No		
Actual Results	Design, survey, staking & construction has been completed in accordance with technical standards and specifications of the (638) water and sediment control basin. Kurt Mathiowetz, WQT assisted Brian Pfarr, Resource Specialist with this project. Pfarr has the proper JAA for basins. He did the final inspection and has received the as-built. Payment for 100% has been issued to the landowner.		

Activity Action - Plaetz Basin			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Landowner installed a water and sediment control basin to help with an erosion issue.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	13-Dec-17
Mapped Activities	1 Point(s)		

Final Indicator for Plaetz Basin			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	22.80
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29048		
Final Indicator for Plaetz Basin			
Indicator Name	SEDIMENT (TSS)	Value	19.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29048		
Final Indicator for Plaetz Basin			
Indicator Name	SOIL (EST. SAVINGS)	Value	19.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29048		

Grant Activity - Technical & Engineering Assistance			
Description	Funds will be used towards the different steps used to implement Best Management Practices. Brian Pfarr, Resource Specialist & Kurt Mathiowetz, Water Quality Technician will be doing most of the technical for projects funded from these flood dollars. Area II and Duane Hensel, PE will also assist to get these BMP's installed.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	13-May-16	End Date	31-Dec-18
Has Rates and Hours?	Yes		
Actual Results	<p>Brian Pfarr met with Arlen Knott on his site to determine the best practice to install and see what needs to be surveyed. 2 hrs @37.43 = 74.86</p> <p>Jeckell - Brian Pfarr reviewed file from Area II, met with landowner, reviewed plans & got cost share contract signed. 15 hrs X 37.43 = 561.45. Kurt Mathiowetz was also on site to meet with landowner, 7 hrs X 33.95 = 237.65</p> <p>12/31/16: Total dispersed on T/A: \$873.96.</p> <p>12/31/17: Total Tech/Engineering paid out: \$11,478.57</p> <p>Resource Specialist - 75 hrs X 37.43 = \$2807.25 (Adj -5.89) use \$2,801.36</p> <p>WQT - 3 hrs X 33.95 = 101.85.</p> <p>WQT - 59.5 hrs X 34.88 = 2,075.36</p> <p>Area II; 3 checks, 3 projects, total Tech/Engineering pd: \$6,500.00.</p> <p>Total paid out of the 3A Flood Relief Grant for Technical & Engineering Assistance to date: \$12,352.53.</p>		

Grant Activity - Waraju Grade Stab-Repairs			
Description	Landowner has requested assistance with grade stab repairs.		
Category	AGRICULTURAL PRACTICES		
Start Date	15-Mar-17	End Date	31-Jul-17
Has Rates and Hours?	No		
Actual Results	<p>Brian Pfarr, Resource Specialist and Kurt Mathiowetz, WQT for Redwood SWCD were assisted by Duane Hensel, PE from Area II with the installation of this structure. Practice was installed in accordance with technical standards and specifications of the Grade Stab Structure. 100% percent of the repairs were covered with the use of Phase 2 and Phase 3A Flood Funds.</p>		

Activity Action - Waraju Grade Stab Repairs			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Repairs on a grade stab structure		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	31-Jul-17
Mapped Activities	1 Point(s)		

Final Indicator for Waraju Grade Stab Repairs			
Indicator Name	SOIL (EST. SAVINGS)	Value	197
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29049		
Final Indicator for Waraju Grade Stab Repairs			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	197
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29049		
Final Indicator for Waraju Grade Stab Repairs			
Indicator Name	SEDIMENT (TSS)	Value	240
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	29049		

Grant Attachments

Document Name	Document Type	Description
2014 DR-4182 Flood Relief Phase 3A	Grant Agreement	2014 DR-4182 Flood Relief Phase 3A - Redwood SWCD
2014 DR-4182 Flood Relief Phase 3A executed	Grant Agreement	2014 DR-4182 Flood Relief Phase 3A - Redwood SWCD
All Details Report	Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Redwood SWCD)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/03/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/13/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2018
BC Funding Request Response Letter 10.19.16	Journal	Journal Dated - 10/19/2016
Email String - Flood Relief Funds	Journal	Journal Dated - 10/19/2016

