



Grant All-Detail Report Disaster Relief 2016

Grant Title - 2014 - Minnesota Flood Relief Grant Phase 2 (Nicollet SWCD)

Grant ID - P16-5217

Organization - Nicollet SWCD

Grant Awarded Amount	\$162,500.00	Grant Execution Date	9/14/2015
Required Match Amount	\$0.00	Grant End Date	12/31/2017
Required Match %	0%	Grant Day To Day Contact	Kevin Ostermann

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$149,500.00	\$147,599.42	\$1,900.58
Total Match Amount	\$26,362.36	\$26,362.36	\$0.00
Total Other Funds	\$24,257.51	\$24,257.51	\$0.00
Total	\$200,119.87	\$198,219.29	\$1,900.58

*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
Bruce Platz	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Nicollet SWCD)	\$433.00	\$433.00	5/18/2016	N
Bruce Platz 7(15)	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Nicollet SWCD)	\$7,979.54	\$7,979.54	12/13/2017	N
Christopher Frederick 3(15)	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Nicollet SWCD)	\$31,136.48	\$31,136.48	10/3/2017	N
Ed Brown Flood II 1(16)	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Nicollet SWCD)	\$23,293.58	\$23,293.58	2/1/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Federal Match	Agricultural Practices	Federal Funds	EQIP Match	\$26,362.36	\$26,362.36	12/13/2017	Y
Lorene Gardner 4(15)	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Nicollet SWCD)	\$34,512.00	\$34,512.00	11/2/2016	N
Neil Rasmussen 6(15)	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Nicollet SWCD)	\$9,000.16	\$9,000.16	7/12/2017	N
Stuart Bruns 5(15)	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Nicollet SWCD)	\$16,082.50	\$16,082.50	12/13/2017	N
TA Flood Phase II	Technical/Engineering Assistance	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Nicollet SWCD)	\$27,062.74	\$25,162.16	12/31/2017	N
Tom Brown '14 Flood 1(16)	Agricultural Practices	Other Funds	2014 - Minnesota Flood Relief Grant (Nicollet SWCD)	\$24,257.51	\$24,257.51	2/1/2017	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	3	3	3 COUNT	3 COUNT
600 - Terrace	3	3	3 COUNT	3 COUNT
638 - Water and Sediment Control Basin	4	4	2 COUNT	2 COUNT
600 - Terrace	4	4	4 COUNT	4 COUNT
638 - Water and Sediment Control Basin	3	3	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
BOD 5	8.72	LBS/YR
SEDIMENT (TSS)	57.95	TONS/YR
PHOSPHORUS (EST. REDUCTION)	82.76	LBS/YR
SOIL (EST. SAVINGS)	221.03	TONS/YR

Grant Activity

Grant Activity - Bruce Platz			
Description	Installation of Grade Stabilization Structure. Project is being designed by NRCS. Funding will be through NRCS and Flood II Funds.		
Category	AGRICULTURAL PRACTICES		
Start Date	7-Oct-15	End Date	18-May-16
Has Rates and Hours?	No		
Actual Results	Installation of 1 Sediment Control Basin completed on Bruce Platz Property. Structure outlet is existing farm tile and structure is a farm over design.		

Activity Action - Sediment Control Basin			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Install 1 Sediment Basin		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	6-May-16
Mapped Activities	1 Point(s)		

Final Indicator for Sediment Control Basin			
Indicator Name	SEDIMENT (TSS)	Value	8.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Fritsche Creek		

Final Indicator for Sediment Control Basin			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9.66
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Fritsche Creek		
Final Indicator for Sediment Control Basin			
Indicator Name	SOIL (EST. SAVINGS)	Value	8.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Fritsche Creek		

Grant Activity - Bruce Platz 7(15)			
Description	Wascob and Terrace Installation		
Category	AGRICULTURAL PRACTICES		
Start Date	2-Nov-16	End Date	13-Dec-17
Has Rates and Hours?	No		
Actual Results	Installation of 1 WASCOB structure and two terrace structures.		

Activity Action - Bruce Platz 7(15)			
Practice	638 - Water and Sediment Control Basin	Count of Activities	3
Description	WASCOB and 2 Terrace Structures installed		
Proposed Size / Units	3.00 COUNT	Lifespan	10 Years
Actual Size/Units	3.00 COUNT	Installed Date	13-Dec-17
Mapped Activities	3 Point(s)		

Final Indicator for Bruce Platz 7(15)			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7.87
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		
Final Indicator for Bruce Platz 7(15)			
Indicator Name	SEDIMENT (TSS)	Value	7.87
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		
Final Indicator for Bruce Platz 7(15)			
Indicator Name	SOIL (EST. SAVINGS)	Value	23.54

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Grant Activity - Christopher Frederick 3(15)			
Description	Replacement of a Water control structure that had failed due to heavy rains.		
Category	AGRICULTURAL PRACTICES		
Start Date	5-Oct-16	End Date	03-Oct-17
Has Rates and Hours?	No		
Actual Results	Water control structure repaired. Retention pond for water storage added for improved water quality.		

Activity Action - Christopher Frederick 3(15)			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Water Control Structure Repair		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	3-Oct-17
Mapped Activities	1 Point(s)		

Final Indicator for Christopher Frederick 3(15)			
Indicator Name	SEDIMENT (TSS)	Value	12.32
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Final Indicator for Christopher Frederick 3(15)			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	12.32
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Final Indicator for Christopher Frederick 3(15)			
Indicator Name	SOIL (EST. SAVINGS)	Value	76.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Grant Activity - Ed Brown Flood II 1(16)			
Description	Installation of 2 Grade Stabilization Structures. Project is being designed and funded by NRCS and Flood Phase II funds.		
Category	AGRICULTURAL PRACTICES		
Start Date	7-Oct-15	End Date	01-Feb-17
Has Rates and Hours?	No		
Actual Results	2 Grade stabilization structures installed in combination with EQIP Federal Funding.		

Activity Action - Ed Brown 1(15)			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 Water and Sediment Control Basin Installations		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	1-Feb-17
Mapped Activities	2 Point(s)		

Final Indicator for Ed Brown 1(15)			
Indicator Name	SEDIMENT (TSS)	Value	12.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Final Indicator for Ed Brown 1(15)			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	26.7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Final Indicator for Ed Brown 1(15)			
Indicator Name	SOIL (EST. SAVINGS)	Value	12.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Grant Activity - Federal Match			
Description	Match Funds Federal Government		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Lorene Gardner 4(15)			
Description	Lorene Gardner 4(15) - Installation of a Sediment Control basin and re-installation of a drop structure outlet (outlet under county road).		
Category	AGRICULTURAL PRACTICES		
Start Date	18-May-16	End Date	02-Nov-16
Has Rates and Hours?	No		
Actual Results	One Sediment Control basin (farmable end blocks) was installed. One drop structure outlet pipe was removed and replaced, along with additional rip rap at the outlet.		

Activity Action - Lorene Gardner 4(15)			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	One sediment basin installation and one sediment basin pipe replacement.		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	2-Nov-16
Mapped Activities	2 Point(s)		

Final Indicator for Lorene Gardner 4(15)			
Indicator Name	SOIL (EST. SAVINGS)	Value	4.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Final Indicator for Lorene Gardner 4(15)			
Indicator Name	SEDIMENT (TSS)	Value	4.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)

Waterbody	Minnesota River		
Final Indicator for Lorene Gardner 4(15)			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Grant Activity - Neil Rasmussen 6(15)			
Description	Terrace and Waterway Installation		
Category	AGRICULTURAL PRACTICES		
Start Date	7-Jun-17	End Date	12-Jul-17
Has Rates and Hours?	No		
Actual Results	One Waterway structure installed and 2 Terrace Structures installed.		

Activity Action - Neil Rasmussen 6(15)			
Practice	600 - Terrace	Count of Activities	3
Description	Waterway Structure and 2 Terrace Structures		
Proposed Size / Units	3.00 COUNT	Lifespan	10 Years
Actual Size/Units	3.00 COUNT	Installed Date	12-Jul-17
Mapped Activities	3 Polygon(s)		

Final Indicator for Neil Rasmussen 6(15)			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8.72
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Final Indicator for Neil Rasmussen 6(15)			
Indicator Name	BOD 5	Value	8.72
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Final Indicator for Neil Rasmussen 6(15)			
Indicator Name	SOIL (EST. SAVINGS)	Value	31.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Grant Activity - Stuart Bruns 5(15)			
Description	Rip Rap Chute and Triple Terrace Repair		
Category	AGRICULTURAL PRACTICES		
Start Date	18-May-17	End Date	13-Dec-17
Has Rates and Hours?	No		
Actual Results	Three terrace structures were repaired and installation of Rip Rap chute to reduce ditch and right of way erosion installed.		

Activity Action - Stuart Bruns 5(15)			
Practice	600 - Terrace	Count of Activities	4
Description	Three Terrace structure repairs and installation of a Rip Rap Chute		
Proposed Size / Units	4.00 COUNT	Lifespan	10 Years
Actual Size/Units	4.00 COUNT	Installed Date	13-Dec-17
Mapped Activities	4 Polygon(s)		

Final Indicator for Stuart Bruns 5(15)			
Indicator Name	SOIL (EST. SAVINGS)	Value	54.19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Final Indicator for Stuart Bruns 5(15)			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Final Indicator for Stuart Bruns 5(15)			
Indicator Name	SEDIMENT (TSS)	Value	10.83
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Minnesota River		

Grant Activity - TA Flood Phase II

Description	TA Funds will be used for District Staff time, TSA engineering assistance and outside Engineering assistance. Some TA funds will be used for Phase I Flood Grant (Tom Brown '14 Flood 1(16)).		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	14-Sep-15	End Date	
Has Rates and Hours?	No		
Actual Results	<p>TA used for staff time completing Flood Projects.</p> <p>2016 Technician - 269 Hours @ \$55.42/Hr (Only \$4,153.15 billed to grant).</p> <p>2017 Technician - 335.5 Hours \$62.62/Hr = \$21,009.01</p>		

Grant Attachments

Document Name	Document Type	Description
2014 DR-4182 Flood Relief Phase 2	Grant Agreement	2014 DR-4182 Flood Relief Phase 2 - Nicollet SWCD
2014 DR-4182 Flood Relief Phase 2 executed	Grant Agreement	2014 DR-4182 Flood Relief Phase 2 - Nicollet SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/16/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/03/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/10/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/11/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/10/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/02/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2018
Amendment	Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Nicollet SWCD)
Extension Request	Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Nicollet SWCD)