



Grant All-Detail Report Disaster Relief 2016

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

Grant ID - P16-2703

Organization - Chippewa SWCD

Original Awarded Amount	\$201,355.00	Grant Execution Date	
Required Match Amount	\$0.00	Original Grant End Date	12/31/2017
Required Match %	0%	Grant Day To Day Contact	Tom Warner
Current Awarded Amount	\$201,355.00	Current End Date	12/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$201,355.00	\$149,972.41	\$51,382.59
Total Match Amount	\$62,047.16	\$62,047.16	\$0.00
Total Other Funds	\$39,412.00	\$40,033.00	\$-621.00
Total	\$302,814.16	\$252,052.57	\$50,761.59

*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
Admin	Administration /Coordination	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Chippewa SWCD)	\$1,500.00	\$1,500.00	9/30/2018	N
Ardis Eekhoff- Water & Sediment Control Basin	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Chippewa SWCD)	\$7,519.01	\$7,519.01	7/10/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Ardis Eekhoff- Water & Sediment Control Basin	Agricultural Practices	Landowner Fund	Landowner share of project	\$0.00			Y
David Arends-Streambank Stabilization	Streambank or Shoreline Protection	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Chippewa SWCD)	\$4,502.00	\$4,502.00	11/5/2018	N
David Arends-Streambank Stabilization	Streambank or Shoreline Protection	Landowner Fund	Landowner share of project	\$0.00			Y
David Enevoldson Water and Sediment Control Basin	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Chippewa SWCD)	\$8,481.00	\$8,481.00	7/11/2016	N
David Enevoldson Water and Sediment Control Basin	Agricultural Practices	Federal Funds	EQIP	\$8,477.30	\$8,477.30	7/11/2016	Y
David Enevoldson Water and Sediment Control Basin	Agricultural Practices	Landowner Fund	Landowners share toward project	\$61.20	\$61.20	7/11/2016	Y
Halvorson Management	Streambank or Shoreline Protection	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Chippewa SWCD)	\$49,869.65			N
Halvorson Management	Streambank or Shoreline Protection	Landowner Fund	landowner share toward project	\$0.00			N
Jerry Lee-Streambank Stabilization	Streambank or Shoreline Protection	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Chippewa SWCD)	\$99,102.00	\$99,102.00	10/3/2018	N
Jerry Lee-Streambank Stabilization	Streambank or Shoreline Protection	Federal Funds	EQIP funds toward project	\$43,147.94	\$43,147.94	9/20/2018	Y
Jerry Lee-Streambank Stabilization	Streambank or Shoreline Protection	Landowner Fund	landowner share toward the project	\$10,360.72	\$10,360.72	10/3/2018	Y
Jerry Lee-Streambank Stabilization	Streambank or Shoreline Protection	Other Funds	2016 - Shoreland-NRBG (Chippewa County)	\$1,960.40	\$1,960.40	10/5/2018	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Jerry Lee-Streambank Stabilization	Streambank or Shoreline Protection	Other Funds	2017 - Local Water Management - NRBG (Chippewa County)	\$6,621.58	\$6,621.58	10/5/2018	N
Jerry Lee-Streambank Stabilization	Streambank or Shoreline Protection	Other Funds	2017 - Shoreland-NRBG (Chippewa County)	\$2,678.00	\$2,678.00	10/5/2018	N
Jerry Lee-Streambank Stabilization	Streambank or Shoreline Protection	Other Funds	2018 - Shoreland-NRBG (Chippewa County)	\$717.60	\$717.60	10/5/2018	N
Jerry Lee-Streambank Stabilization	Streambank or Shoreline Protection	Other Funds	County Levy Match	\$3,378.42	\$3,378.42	10/5/2018	Y
Jerry Lee-Streambank Stabilization	Streambank or Shoreline Protection	Other Funds	Landowner Share	\$717.60	\$717.60	10/5/2018	Y
Jerry Lee-Streambank Stabilization	Streambank or Shoreline Protection	Other Funds	Landowner Share	\$1,960.40	\$1,960.40	10/5/2018	Y
Jerry Lee-Streambank Stabilization	Streambank or Shoreline Protection	Other Funds	Landowner Share	\$2,678.00	\$2,678.00	10/5/2018	Y
Perry Tostenson lined channel	Agricultural Practices	Other Funds	2014 - Minnesota Flood Relief Grant Phase 3B (Chippewa SWCD)..	\$18,700.00	\$18,700.00	9/15/2017	N
Perry Tostenson lined channel	Agricultural Practices	Other Funds	landowner share of project	\$0.00	\$621.00	9/15/2017	N
Technical/Engineering	Technical/Engineering Assistance	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Chippewa SWCD)	\$22,040.84	\$20,527.90	11/5/2018	N
Tim Buseman-Streambank Stabilization	Streambank or Shoreline Protection	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Chippewa SWCD)	\$8,340.50	\$8,340.50	11/5/2018	N
Tim Buseman-Streambank Stabilization	Streambank or Shoreline Protection	Landowner Fund	Landowner share of project	\$0.00			Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline Protection	1	1	95 LINEAR FEET	100 LINEAR FEET
638 - Water and Sediment Control Basin	1	1	925 LINEAR FEET	925 LINEAR FEET
638 - Water and Sediment Control Basin	1	1	300 LINEAR FEET	300 LINEAR FEET
580 - Streambank and Shoreline Protection	3	3	1081 LINEAR FEET	1150 LINEAR FEET
468 - Lined Waterway or Outlet	1	1	120 LINEAR FEET	120 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	425 LINEAR FEET	LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	180 LINEAR FEET	180 LINEAR FEET

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
SOIL (EST. SAVINGS)	1,162.27	TONS/YR
SEDIMENT (TSS)	1,123.46	TONS/YR
Total Suspended Solids (TSS)	32.18	Mg/L
PHOSPHORUS (EST. REDUCTION)	1,150.81	LBS/YR

Grant Activity

Grant Activity - Admin			
Description	Administrative Hours worked		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-17	End Date	30-Sep-18
Has Rates and Hours?	No		
Actual Results	<p>06/30/2017 \$42.92 Quarter 2 Admin Hours Worked: District Manager 1 hour @ \$42.92</p> <p>03/31/2017 \$171.12 Quarter 1 Admin Hours Worked: District Manager 3 hours @ \$42.92 & District Technician I 1.5 hours @ \$28.24</p> <p>03/31/2018 \$523.62 Quarter 1 Admin Hours Worked: Dist Mgr 9 hours @ \$58.18</p> <p>09/30/2018 \$274.54 Quarter 3 2018 Admin worked 2.5 hours @ \$40.09=100.23; Dist Mgr worked 3 hours @ \$58.18=174.54 (less .23 paid by district funds.</p> <p>09/30/2017 \$113.18 Quarter 3 Admin Hours Worked: District Manager 1 hour @ \$42.92 & District Technician II 3 hours @ \$23.42</p> <p>12/31/2017 \$374.62 Quarter 4 Admin Hours Worked: District Manager 6 hours @ \$42.92 & 5 hours @ \$23.42</p>		

Grant Activity - Ardis Eekhoff- Water & Sediment Control Basin			
Description	Ardis Eekhoff- Water & Sediment Control Basin		
Category	AGRICULTURAL PRACTICES		
Start Date	7-Nov-16	End Date	26-May-17
Has Rates and Hours?	No		
Actual Results	<p>Installed a 350 lineal foot Water & Sediment Control Basin on 5/26/17 which is adjacent to Spring Creek which is a DNR protected watercourse. The project consisted of 860 CY of compacted earth fill, 30 lineal feet of 6" dual wall pipe, 6" riser & Hickenbottom inlet, 1 animal guard, 3 CY of 4"-12" riprap, 9 SY of geotextile fabric, .2 acres of seed, fertilizer & mulch, 300 LF of silt fence</p>		

Activity Action - Ardis Eekhoff			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Install water and sediment control basin along Spring Creek to cut off overland flow with sediment from entering the water course		
Proposed Size / Units	300.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	300.00 LINEAR FEET	Installed Date	3-May-17
Mapped Activities	1 Point(s)		

Final Indicator for Ardis Eekhoff			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	55.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Spring Creek		
Final Indicator for Ardis Eekhoff			
Indicator Name	SOIL (EST. SAVINGS)	Value	55.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Spring Creek		
Final Indicator for Ardis Eekhoff			
Indicator Name	SEDIMENT (TSS)	Value	55.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Spring Creek		

Grant Activity - David Arends-Streambank Stabilization			
Description	David Arends-Streambank Stabilization		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	7-Aug-17	End Date	05-Nov-18
Has Rates and Hours?	No		
Actual Results	Installed 265 LF of willow wattles, installed wood stakes and live stakes (willow and dogwood), installed rock check dams, seeded and mulched.		

Activity Action - David Arends-Streambank Stabilization			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Use Bio engineering to stabilize erosion occurring on a segment of streambank on the Chippewa River		
Proposed Size / Units	180.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	180.00 LINEAR FEET	Installed Date	5-Nov-18
Mapped Activities	1 Line(s)		

Final Indicator for David Arends-Streambank Stabilization			
Indicator Name	SOIL (EST. SAVINGS)	Value	86.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Chippewa River		
Final Indicator for David Arends-Streambank Stabilization			
Indicator Name	SEDIMENT (TSS)	Value	86.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Chippewa River		
Final Indicator for David Arends-Streambank Stabilization			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	86.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Chippewa River		

Grant Activity - David Enevoldson Water and Sediment Control Basin			
Description	David Enevoldson Water and Sediment Control Basin		
Category	AGRICULTURAL PRACTICES		
Start Date	25-Apr-16	End Date	11-Jul-16
Has Rates and Hours?	No		
Actual Results	Installation of a 830 ft long water and sediment control basin with associated components.		

Activity Action - David Enevoldson			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	A farmable water & sediment control basin with tile outlet was constructed as designed.		
Proposed Size / Units	925.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	925.00 LINEAR FEET	Installed Date	11-Jul-16
Mapped Activities	1 Point(s)		

Final Indicator for David Enevoldson			
Indicator Name	Total Suspended Solids (TSS)	Value	32.18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	creek		
Final Indicator for David Enevoldson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	27.35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	creek		
Final Indicator for David Enevoldson			
Indicator Name	SOIL (EST. SAVINGS)	Value	32.18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	creek		

Grant Activity - Halvorson Management			
Description	Halvorson Management		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	7-Aug-17	End Date	
Has Rates and Hours?	No		
Actual Results	12/31/18: Project to be completed in 2019		

Activity Action - Halvorson Management-Streambank protection			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Gullied channel delivering sediment to Dry Weather Creek. Grading and reshaping the channel along with erosion blanket and some rock rip rap will help reduce sediment from entering Dry Weather Creek		
Proposed Size / Units	425.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	1 Line(s)		

Final Indicator for Halvorson Management-Streambank protection			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	127.50
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Dry Weather Creek		
Final Indicator for Halvorson Management-Streambank protection			
Indicator Name	SOIL (EST. SAVINGS)	Value	127.50
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Dry Weather Creek		
Final Indicator for Halvorson Management-Streambank protection			
Indicator Name	SEDIMENT (TSS)	Value	127.50
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Dry Weather Creek		

Grant Activity - Jerry Lee-Streambank Stabilization			
Description	Jerry Lee-Streambank Stabilization		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	6-Feb-17	End Date	03-Oct-18
Has Rates and Hours?	No		
Actual Results	installed 1150 lineal feet of streambank protection utilizing bank sloping, toe wood bench, cedar revetments, J-hooks, root wads, live stakes, critical area seeding, cover crop, erosion blanket.		

Activity Action - Jerry Lee Streambank Stabilization			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	3
Description	1150 lineal feet of streambank protection on the Chippewa River		
Proposed Size / Units	1,081.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,150.00 LINEAR FEET	Installed Date	7-Sep-18
Mapped Activities	3 Line(s)		

Final Indicator for Jerry Lee Streambank Stabilization			
Indicator Name	SEDIMENT (TSS)	Value	765
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Chippewa River		
Final Indicator for Jerry Lee Streambank Stabilization			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	765
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Chippewa River		
Final Indicator for Jerry Lee Streambank Stabilization			
Indicator Name	SOIL (EST. SAVINGS)	Value	765
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Chippewa River		

Grant Activity - Technical/Engineering

Description	Funds will be used to secure technical & engineering services for installation of BMPs.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Oct-17	End Date	
Has Rates and Hours?	No		
Actual Results	<p>12/31/2017 \$3,145.04 spent on staff hours worked: DM Tech hrs \$42.92/hr. Halvorson (8), Buseman (4), Tostenson (8), Eekhoff (11), Arends (2), Lee(36) 6.5 DTech hrs \$28.24/hr.Lee</p> <p>11/06/2017 \$2,574.37 spent on engineering: 10 Eng. hours on Halvorson Mgt @ 76.98/hr 8 Eng. hours on Tostenson @ \$76.98/hr 2.5 Eng. hours on Tostenson @ \$53.71/hr 13 Eng. hours on Lee @ \$76.98/hr 1 Eng hours on Lee @ \$53.71/hr.</p> <p>06/30/2017 \$85.84 04/01/2017-06/30/2017 Technical Hours Worked: District Manager 2 hours @ \$42.92</p> <p>02/05/2018 \$5,212.43 Engineering expenses for Arends, Berven, Buseman, Eekhoff, Halverson Mgt, Lee, and Tostenson projects</p> <p>08/06/2018 \$377.19 Engineering expenses Q2 2018: Lee & Buseman</p> <p>09/30/2018 \$2,460.26 2018 Quarter 3 hours: Dist Tech I worked 2 hours @ \$37.44=\$74.88; Dist Mgr worked 41 hours @ \$58.18=2385.38</p> <p>06/30/2018 \$581.80 04/01/2018-06/30/2018: District Mgr Technical Hours Worked, 10 hours @ \$58.18</p> <p>11/05/2018 \$4,760.50 WCTSA Quarter 3 2018: Engineering expenses for Halvorson Mgmt (262.22); Lee (4498.28)</p> <p>05/07/2018 \$1,330.47 Qtr 1 2018 Engineering for C. Arends (\$1037.10), Buseman (\$125.73), Eekhoff (\$83.82), Halverson Mgmt (\$83.82)</p>		

Grant Activity - Tim Buseman-Streambank Stabilization

Description	Tim Buseman-Streambank Stabilization		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	7-Aug-17	End Date	05-Nov-18
Has Rates and Hours?	No		
Actual Results	stabilized streambank by excavate and shape 8' bench with 3:1 slopes, installed 100 LF of willow wattle, installed stakes and live stakes of willow and dogwood, installed rock vane into channel, installed 300 Sq Yds of erosion blanket, reseeded area with approved native seed mix and cover crop.		

Activity Action - Tim Buseman Streambank Stabilization

Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Use Bio engineering to stabilize erosive streambank on the Chippewa River		
Proposed Size / Units	95.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	100.00 LINEAR FEET	Installed Date	5-Nov-18
Mapped Activities	1 Line(s)		

Final Indicator for Tim Buseman Streambank Stabilization

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	86.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Chippewa River		

Final Indicator for Tim Buseman Streambank Stabilization

Indicator Name	SOIL (EST. SAVINGS)	Value	86.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Chippewa River		

Final Indicator for Tim Buseman Streambank Stabilization

Indicator Name	SEDIMENT (TSS)	Value	86.07
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Chippewa River		

Grant Attachments

Document Name	Document Type	Description
2014 DR-4182 Flood Relief Phase 2	Grant Agreement	2014 DR-4182 Flood Relief Phase 2 - Chippewa SWCD
2014 DR-4182 Flood Relief Phase 2 Amendment EXECUTED	Grant Agreement Amendment	
2014 DR-4182 Flood Relief Phase 2 executed	Grant Agreement	2014 DR-4182 Flood Relief Phase 2 - Chippewa SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/31/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/17/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/19/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/31/2018
Amendment	Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Chippewa SWCD)
Grant Agreement Amendment	Grant Agreement Amendment	
Phase Approved Project List	Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Chippewa SWCD)