



## Grant All-Detail Report Disaster Relief 2018

**Grant Title** - 2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)

**Grant ID** - P18-1170

**Organization** - Rock SWCD

<b>Original Awarded Amount</b>	<b>\$112,025.00</b>	<b>Grant Execution Date</b>	<b>5/22/2018</b>
<b>Required Match Amount</b>	\$0.00	<b>Original Grant End Date</b>	12/31/2019
<b>Required Match %</b>	0%	<b>Grant Day To Day Contact</b>	Mary Thompson
<b>Current Awarded Amount</b>	<b>\$141,925.00</b>	<b>Current End Date</b>	<b>12/31/2021</b>

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$141,925.00	\$141,925.00	\$0.00
Total Match Amount	\$20,376.75	\$18,297.75	\$2,079.00
Total Other Funds	\$112,963.14	\$112,963.14	\$0.00
<b>Total</b>	<b>\$275,264.89</b>	<b>\$273,185.89</b>	<b>\$2,079.00</b>

*\*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 4 (Rock SWCD)	\$5,052.22	\$5,052.22	12/31/2021	N
FY16-FR2-46 Binford Farms	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)	\$22,258.99	\$22,258.99	11/16/2020	N
FY16-FR2-46 Binford Farms	Agricultural Practices	Federal Funds	EQIP	\$14,419.00	\$14,419.00	11/16/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
FY16-FR2-46 Binford Farms	Agricultural Practices	Landowner Fund	Landowner Match	\$4,075.33	\$4,075.33	11/16/2020	Y
FY16-FR3A-15 Dave Esselink	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)	\$15,112.09	\$15,112.09	9/21/2020	N
FY16-FR3A-15 Dave Esselink	Agricultural Practices	Other Funds	2014 - Minnesota Flood Relief Grant Phase 3A (Rock SWCD)	\$8,908.30	\$8,908.30	9/21/2020	N
FY16-FR3A-15 Dave Esselink	Agricultural Practices	Other Funds	2014 - Minnesota Flood Relief Grant Phase 3B (Rock SWCD)	\$31,659.37	\$31,659.37	9/21/2020	N
FY16-FR3A-15 Dave Esselink	Agricultural Practices	Other Funds	Landowner Match	\$6,186.64	\$6,186.64	9/21/2020	Y
FY18-FR4-1 Gary Drost	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)	\$0.00			N
FY18-FR4-1 Gary Drost	Agricultural Practices	Landowner Fund	Landowner Match	\$0.00			Y
FY18-FR4-1 Gary Drost	Agricultural Practices	Other Funds	2014 - Minnesota Flood Relief Grant Phase 2 (Rock SWCD)	\$22,716.96	\$22,716.96	12/16/2019	N
FY18-FR4-1 Gary Drost	Agricultural Practices	Other Funds	Landowner Match	\$2,524.11	\$2,524.11	12/16/2019	Y
FY18-FR4-2 Gary and Rita Bush	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)	\$67,372.76	\$67,372.76	9/21/2020	N
FY18-FR4-2 Gary and Rita Bush	Agricultural Practices	Landowner Fund	Landowner Match	\$7,309.34	\$5,230.34	9/16/2019	Y
FY18-FR4-3 Wayne Thompson	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)	\$6,931.13	\$6,931.13	9/21/2020	N
FY18-FR4-3 Wayne Thompson	Agricultural Practices	Landowner Fund	Landowner Match	\$693.12	\$693.12	9/21/2020	Y
FY18-FR4-4 Dave Tilstra	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)	\$0.00			N
FY18-FR4-4 Dave Tilstra	Agricultural Practices	Landowner Fund	Landowner Match	\$1,834.70	\$1,834.70	12/21/2020	Y
FY18-FR4-4 Dave Tilstra	Agricultural Practices	Other Funds	2014 - Minnesota Flood Relief Grant Phase 2 (Rock SWCD)	\$2,736.00	\$2,736.00	6/29/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
FY18-FR4-4 Dave Tilstra	Agricultural Practices	Other Funds	2014 - Minnesota Flood Relief Grant Phase 3B (Rock SWCD)	\$13,776.33	\$13,776.33	12/21/2020	N
FY18-FR4-5 Bonnie Kramer	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)	\$7,068.95	\$7,068.95	6/21/2021	N
FY18-FR4-5 Bonnie Kramer	Agricultural Practices	Landowner Fund	Landowner Match	\$993.64	\$993.64	6/21/2021	Y
FY18-FR4-5 Bonnie Kramer	Agricultural Practices	Other Funds	2014 - Minnesota Flood Relief Grant Phase 3B (Rock SWCD)	\$1,873.81	\$1,873.81	6/21/2021	N
FY18-FR4-6 Nick Bork	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)	\$10,522.80	\$10,522.80	8/30/2021	N
FY18-FR4-6 Nick Bork	Agricultural Practices	Landowner Fund	Landowner Match	\$1,439.20	\$1,439.20	8/30/2021	Y
FY18-FR4-7 Randy Mulder	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)	\$5,511.63	\$5,511.63	12/2/2021	N
FY18-FR4-7 Randy Mulder	Agricultural Practices	Landowner Fund	Landowner Match	\$612.40	\$612.40	12/2/2021	Y
FY18-FR4-8 Jeff Petterson	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)	\$2,094.43	\$2,094.43	12/20/2021	N
FY18-FR4-8 Jeff Petterson	Agricultural Practices	Landowner Fund	Landowner Match	\$3,419.02	\$3,419.02	12/20/2021	Y
FY18-FR4-8 Jeff Petterson	Agricultural Practices	Other Funds	2020 - State Cost-Share Fund (Rock SWCD)	\$7,002.89	\$7,002.89	12/20/2021	N
FY18-FR4-8 Jeff Petterson	Agricultural Practices	Other Funds	2021 - State Cost-Share Fund (Rock SWCD)	\$1,159.73	\$1,159.73	12/20/2021	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	1	1	1775 LINEAR FEET	1525 LINEAR FEET
638 - Water and Sediment Control Basin	3	3	2500 LINEAR FEET	2500 LINEAR FEET

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	2	2	6185 LINEAR FEET	6185 LINEAR FEET
412 - Grassed Waterway and Swales	1	1	670 LINEAR FEET	670 LINEAR FEET
412 - Grassed Waterway and Swales	1	1	400 LINEAR FEET	400 LINEAR FEET
412 - Grassed Waterway and Swales	1	1	1435 LINEAR FEET	1435 LINEAR FEET
638 - Water and Sediment Control Basin	2	2	550 LINEAR FEET	550 LINEAR FEET
350 - Sediment Basin	4	4	1776 LINEAR FEET	1776 LINEAR FEET
638 - Water and Sediment Control Basin	4	4	1775 LINEAR FEET	1775 LINEAR FEET
412 - Grassed Waterway and Swales	2	2	4675 LINEAR FEET	4675 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
<b>SEDIMENT (TSS)</b>	299.16	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	294.41	LBS/YR
<b>SOIL (EST. SAVINGS)</b>	386.81	TONS/YR

## Grant Activity

### Grant Activity - Administration/Coordination





Start Date

22-May-18

End Date

31-Dec-21



Has Rates and Hours?

No

## Actual Results

2018 - SWCD and Southwest Prairie Staff worked with the landowners that have requested assistance with damages from the 2014 storm events to existing conservation practices. Assistance included site assessment, survey & design of conservation practices. Installed practices also included layout & checkout of the project. SWCD staff worked with NRCS in coordinating & communication on conservation projects. Administration will include executing contracts, review invoices, execution of payment vouchers, execution of amendments, coordination of board signatures & approval and reporting.

SWCD Staff:

Office Manager:

$6.5 \times 27.59 = 179.34$

Technician:

$20 \times 36.40 = 728.00$

Total: 907.34

2019: Staff continued to work with landowners in the same manner as 2018.

Office Manager:

$19.25 \times 30.27 = 582.98$

Engineer Technician:

$1 \times 43.06 = 43.06$

Total: 626.04

SW Prairie TSA:

\$361.68

2020: Staff continued to work with landowners in the same manner as 2018 and 2019.

Office Manager

$27.745 \times 33.41 = 927.13$

Assistant Director

$23 \times 58.65 = 1,348.95$

Engineer Techs paid from Local Capacity

Total: 2,276.08

TSA - 472.31	2022: Staff continued to work with landowners in the same manner as 2018, 2019, 2020 and 2021.		
Office Manager	30.5 x 33.35 = 1,017.18		
Assistant Director	15 x 65.17 = 977.55		
Total:	1,994.73		
Engineer Techs paid from Local Capacity	TSA paid from NPEA Grant		

**Grant Activity - FY16-FR2-46 Binford Farms**

Description	Three water and sediment control basins. Contract approved in Flood 2 - to be paid with board approval from Flood 4. Change in funding to allow Flood 2 to be spent by 6/30/2020.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Oct-19	End Date	16-Nov-20
Has Rates and Hours?	No		
Actual Results	Installation of 3 WASCBS according to NRCS standards and practices.		

**Activity Action - FY16-FR2-46 Binford Farms**

Practice	638 - Water and Sediment Control Basin	Count of Activities	3
Description	Installation of 3 WASCBS according to NRCS practices and standards.		
Proposed Size / Units	2,500.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	2,500.00 LINEAR FEET	Installed Date	16-Nov-20
Mapped Activities	3 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for FY16-FR2-46 Binford Farms			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.48
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Trib to Rock River		
Final Indicator for FY16-FR2-46 Binford Farms			
Indicator Name	SOIL (EST. SAVINGS)	Value	4.96
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Trib to Rock River		
Final Indicator for FY16-FR2-46 Binford Farms			
Indicator Name	SEDIMENT (TSS)	Value	2.48
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Trib to Rock River		

Grant Activity - FY16-FR3A-15 Dave Esselink			
Description	1 Grassed Waterway		
Category	AGRICULTURAL PRACTICES		
Start Date	23-Jul-20	End Date	21-Sep-20
Has Rates and Hours?	No		
Actual Results	Installation of 2 grassed waterways according to NRCS standards and practices. Payment made using funds from: Flood 3A: \$8,908.30 Flood 3B: \$31,259.37 Flood 4: \$15,112.09		

Activity Action - FY15-FR3A-15 Dave Esselink			
Practice	412 - Grassed Waterway and Swales	Count of Activities	2
Description	Installation of 2 grassed waterways according to NRCS standards and practices.		
Proposed Size / Units	4,675.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	4,675.00 LINEAR FEET	Installed Date	21-Sep-20
Mapped Activities	2 Polygon(s)	Technical Assistance Provider	TSA

**Final Indicator for FY15-FR3A-15 Dave Esselink**

Indicator Name	SEDIMENT (TSS)	Value	208.62
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Mud Creek		

**Final Indicator for FY15-FR3A-15 Dave Esselink**

Indicator Name	SOIL (EST. SAVINGS)	Value	208.62
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Mud Creek		

**Final Indicator for FY15-FR3A-15 Dave Esselink**

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	208.62
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Mud Creek		

**Grant Activity - FY18-FR4-1 Gary Drost**

Description	4 Farmable Water and Sediment Control Basins		
Category	AGRICULTURAL PRACTICES		
Start Date	16-Jul-18	End Date	16-Dec-19
Has Rates and Hours?	No		
Actual Results	<p>This project was paid from Flood Relief Phase 2 funding in order to spend the Phase 2 funding by 6/30/2020.</p> <p>Installation of 4 farmable water and sediment control basins.</p>		

Activity Action - FY18-Fr4-1 Drost			
<b>Practice</b>	638 - Water and Sediment Control Basin	<b>Count of Activities</b>	4
<b>Description</b>	Installation of 4 farmable water and sediment control basins according to NRCS standards and practices.		
<b>Proposed Size / Units</b>	1,775.00 LINEAR FEET	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1,775.00 LINEAR FEET	<b>Installed Date</b>	16-Dec-19
<b>Mapped Activities</b>	4 Point(s)	<b>Technical Assistance Provider</b>	SWCD

**Final Indicator for FY18-Fr4-1 Drost**

<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	36.75
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Ash Creek		

**Final Indicator for FY18-Fr4-1 Drost**

<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	86.46
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Ash Creek		

**Final Indicator for FY18-Fr4-1 Drost**

<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	43.23
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Ash Creek		

**Grant Activity - FY18-FR4-2 Gary and Rita Bush**

<b>Description</b>	2 Grassed Waterways		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	19-Jul-19	<b>End Date</b>	21-Sep-20
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<p>2019 - Grassed waterway in Section 34 installed according to NRCS standards and practices. Remaining grassed waterway in Section 28 to be constructed in 2020. Gary Bush and Wayne Thompson both part of this project.</p> <p>2020 - Completed installation of the waterway in Section 28 according to NRCS standards and practices.</p> <p>Pollution reductions include the small portion of the waterway on Thompson land. This piece is in it's own contract.</p>		

**Activity Action - FY18-FR4-2**

<b>Practice</b>	412 - Grassed Waterway and Swales	<b>Count of Activities</b>	2
<b>Description</b>	2019 - Installation of 1 grassed waterway in Section 34 according to NRCS standards and practices. Remaining 2 grassed waterways in Section 28 to be completed in 2020.		
<b>Proposed Size / Units</b>	6,185.00 LINEAR FEET	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	6,185.00 LINEAR FEET	<b>Installed Date</b>	21-Sep-20
<b>Mapped Activities</b>	2 Polygon(s)	<b>Technical Assistance Provider</b>	SWCD

**Final Indicator for FY18-FR4-2**

<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	11.55
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Elk Creek		

**Final Indicator for FY18-FR4-2**

<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	13.28
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Elk Creek		

Final Indicator for FY18-FR4-2			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	23.10
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Elk Creek		

Grant Activity - FY18-FR4-3 Wayne Thompson			
<b>Description</b>	One waterway - project connects Gary and Rita Bush project		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	19-Jul-19	<b>End Date</b>	21-Sep-20
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<p>Installation of one grassed waterway according to NRCS practices and standards.</p> <p>Pollution reductions have been reported with the Bush project. This project is the small portion of the Bush waterway project that crosses a corner of Thompson ground to outlet properly.</p>		

Activity Action - FY18-FR4-3 Wayne Thompson			
<b>Practice</b>	412 - Grassed Waterway and Swales	<b>Count of Activities</b>	1
<b>Description</b>	Installation of one grassed waterway according to NRCS practices and standards.		
<b>Proposed Size / Units</b>	670.00 LINEAR FEET	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	670.00 LINEAR FEET	<b>Installed Date</b>	21-Sep-20
<b>Mapped Activities</b>	1 Polygon(s)	<b>Technical Assistance Provider</b>	SWCD



**Grant Activity - FY18-FR4-4 Dave Tilstra**

<b>Description</b>	One grassed waterway		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	16-Sep-19	<b>End Date</b>	21-Dec-20
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<p>6/15/20 Tile installed and partial payment made from Flood 2 for \$2,736.00 in order spend those funds by 6/30/20. Project details will be completed when construction is completed and final payment is made.</p> <p>12/2020 Project has been completed according to NRCS standards and practices. Final payment made from Flood 3B in order to spend those funds by 6/30/2021. No Flood 4 funding paid.</p>		

**Activity Action - FY18-FR4-4 Dave Tilstra**

<b>Practice</b>	412 - Grassed Waterway and Swales	<b>Count of Activities</b>	1
<b>Description</b>	Installation of one grassed waterway according to NRCS standards and practices.		
<b>Proposed Size / Units</b>	1,435.00 LINEAR FEET	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1,435.00 LINEAR FEET	<b>Installed Date</b>	21-Dec-20
<b>Mapped Activities</b>	1 Polygon(s)	<b>Technical Assistance Provider</b>	SWCD

**Final Indicator for FY18-FR4-4 Dave Tilstra**

<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	12.33
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Mud Creek		

**Final Indicator for FY18-FR4-4 Dave Tilstra**

<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	12.33
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Mud Creek		

**Final Indicator for FY18-FR4-4 Dave Tilstra**

<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	12.33
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)

<b>Waterbody</b>	Mud Creek
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**Grant Activity - FY18-FR4-5 Bonnie Kramer**

<b>Description</b>	Two water and sediment control basins.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	5-Apr-21	<b>End Date</b>	21-Jun-21
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Installation of 2 water and sediment control basins according to NRCS standards and practices.		

**Activity Action - FY18-FR4-5 Bonnie Kramer**

<b>Practice</b>	638 - Water and Sediment Control Basin	<b>Count of Activities</b>	2
<b>Description</b>	Installation of 2 water and sediment control basins according to NRCS standards and practices.		
<b>Proposed Size / Units</b>	550.00 LINEAR FEET	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	550.00 LINEAR FEET	<b>Installed Date</b>	21-Jun-21
<b>Mapped Activities</b>	2 Point(s)	<b>Technical Assistance Provider</b>	SWCD

**Final Indicator for FY18-FR4-5 Bonnie Kramer**

<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	15.73
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Trib to Beaver Creek		

**Final Indicator for FY18-FR4-5 Bonnie Kramer**

<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	2.75
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Trib to Beaver Creek		

**Final Indicator for FY18-FR4-5 Bonnie Kramer**

<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	2.75
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Trib to Beaver Creek		

Grant Activity - FY18-FR4-6 Nick Bork			
Description	One Waterway		
Category	AGRICULTURAL PRACTICES		
Start Date	19-Jul-21	End Date	30-Aug-21
Has Rates and Hours?	No		
Actual Results	Installation of one grassed waterway according to NRCS standards and practices.		

Activity Action - FY18-FR4-6			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Installation of one grassed waterway according to NRCS standards and practices.		
Proposed Size / Units	1,775.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,525.00 LINEAR FEET	Installed Date	19-Jul-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for FY18-FR4-6			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.90
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Beaver Creek		
Final Indicator for FY18-FR4-6			
Indicator Name	SOIL (EST. SAVINGS)	Value	16.58
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Beaver Creek		
Final Indicator for FY18-FR4-6			
Indicator Name	SEDIMENT (TSS)	Value	2.90
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Beaver Creek		

Grant Activity - FY18-FR4-7 Randy Mulder			
Description	1 Waterway		
Category	AGRICULTURAL PRACTICES		
Start Date	30-Aug-21	End Date	02-Dec-21
Has Rates and Hours?	No		
Actual Results	Installation of one grassed waterway according to NRCS standards and practices.		

Activity Action - FY18-FR4-7 Randy Mulder			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Installation of one grassed waterway according to NRCS standards and practices.		
Proposed Size / Units	400.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	400.00 LINEAR FEET	Installed Date	2-Dec-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	TSA

Final Indicator for FY18-FR4-7 Randy Mulder			
Indicator Name	SEDIMENT (TSS)	Value	2.01
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Trib to Rock River		
Final Indicator for FY18-FR4-7 Randy Mulder			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.01
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Trib to Rock River		
Final Indicator for FY18-FR4-7 Randy Mulder			
Indicator Name	SOIL (EST. SAVINGS)	Value	5.74
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Trib to Rock River		

**Grant Activity - FY18-FR4-8 Jeff Petterson**

<b>Description</b>	Four water and sediment control basins.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	20-Sep-21	<b>End Date</b>	20-Dec-21
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Installation of 4 water and sediment control basins according to NRCS standards and practices.  This project is a 75%. Piggybacked with state cost share. Total cost of project was \$13,676.07, total allocated \$10,257.05.		

**Activity Action - FY18-FR4-8 Jeff Petterson**

<b>Practice</b>	350 - Sediment Basin	<b>Count of Activities</b>	4
<b>Description</b>	Installation of 4 water and sediment control basins according to NRCS standards and practices.		
<b>Proposed Size / Units</b>	1,776.00 LINEAR FEET	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1,776.00 LINEAR FEET	<b>Installed Date</b>	20-Dec-21
<b>Mapped Activities</b>	4 Point(s)	<b>Technical Assistance Provider</b>	TSA

**Final Indicator for FY18-FR4-8 Jeff Petterson**

<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	13.29
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Trib to Split Rock Creek		

**Final Indicator for FY18-FR4-8 Jeff Petterson**

<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	13.29
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Trib to Split Rock Creek		

**Final Indicator for FY18-FR4-8 Jeff Petterson**

<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	13.29
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Trib to Split Rock Creek		

## Grant Attachments

Document Name	Document Type	Description
<b>2014 DR-4182 Flood Relief Phase 4</b>	Grant Agreement	2014 DR-4182 Flood Relief Phase 4 - Rock SWCD
<b>2014 DR-4182 Flood Relief Phase 4 Amendment executed</b>	Grant Agreement Amendment	
<b>2014 DR-4182 Flood Relief Phase 4 Amendment executed</b>	Grant Agreement Amendment	
<b>2014 DR-4182 Flood Relief Phase 4 executed</b>	Grant Agreement	2014 DR-4182 Flood Relief Phase 4 - Rock SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/05/2020
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/11/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/20/2022
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/29/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/27/2020
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/09/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/30/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/02/2022
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/20/2022
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/29/2021
<b>CY19 Rock SWCD FY18 DRAP Phase 4 Extension Request Expenditures Report Attached for Reconciliation</b>	Grant	2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)
<b>Final Financial Report</b>	Grant	2014 - Minnesota Flood Relief Grant Phase 4 (Rock SWCD)
<b>Flood Relief Phase 4 amendment EXECUTED</b>	Grant Agreement Amendment	
<b>P18-1170 Reconciliation C Checklist</b>	Journal	Journal Dated - 06/04/2021
<b>Rock Flood Relief Phase 4 Amendment</b>	Grant Agreement Amendment	
<b>Rock SWCD FY18 DRAP "4" Extension Amendment</b>	Grant Agreement Amendment	
<b>Rock SWCD FY18 DRAP 4 Extension Amendment 2</b>	Grant Agreement Amendment	