BWSR

Grant All-Detail Report
Targeted Watershed 2015

Grant Title - 2015 - Targeted Watershed (Scott County WMO)
Grant ID - P15-0833
Organization - Scott County WMO

Grant Awarded Amount	**$2,200,000.00**	**Grant Execution Date**	**3/11/2015**
Required Match Amount	$550,000.00	**Grant End Date**	3/31/2019
Required Match %	25%	**Grant Day To Day Contact**	Ryan Holzer

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	$2,200,000.00	$1,100,754.02	$1,099,245.98
Total Match Amount	$613,500.00	$274,939.03	$338,560.97
Total Other Funds	$0.00	$0.00	$0.00
Total	**$2,813,500.00**	**$1,375,693.05**	**$1,437,806.95**

**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	Administration /Coordination	Local Fund	Scott WMO levy	$100,000.00	$30,729.16	12/31/2017	Y
Bartusek Ben WASCBs & Grassed WW (RIce Co) CP-15-098	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$11,639.00	$11,639.00	12/31/2015	N
Bartusek Ben WASCBs & Grassed WW (RIce Co) CP-15-098	Agricultural Practices	Landowner Fund	Landowner Portion	$3,879.00	$3,879.00	12/31/2015	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Bauer Arnold Cover Crops (Le Sueur Co) CP-16-202	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$6,300.00	$4,200.00	12/31/2017	N
Bauer Arnold WASCOB (Le Sueur Co) CP-17-109	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$2,430.00			N
Bauer Arnold WASCOB (Le Sueur Co) CP-17-109	Agricultural Practices	Landowner Fund	Landowner Portion	$270.00			Y
Citizen Engagement - General Outreach	Education/Information	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$10,000.00	$10,000.00	6/30/2017	N
Citizen Engagement - General Outreach	Education/Information	Local Fund	Scott WMO levy	$10,000.00	$14,238.16	12/31/2017	Y
Citizen Engagement - Land Owner Surveys	Special Projects	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$55,000.00	$10,997.65	12/31/2017	N
Cover crop & Nutrient Management Pilots	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$25,000.00	$25,000.00	6/30/2016	N
Cover crop & Nutrient Management Pilots	Non-Structural Management Practices	Local Fund	Scott WMO levy	$10,000.00	$10,000.00	6/30/2016	Y
David, Todd Cover Crops (Le Sueur Co) CP-17-161	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$12,000.00	$4,000.00	12/13/2017	N
David, Todd WASCOB (Le Sueur Co) CP-17-182	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$6,300.00			N
David, Todd WASCOB (Le Sueur Co) CP-17-182	Agricultural Practices	Landowner Fund	Landowner Portion	$700.00			Y
Dietz Richard Wetland Restoration (Le Sueur Co) CP-17-098	Wetland Restoration/Creation	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$18,674.20	$18,674.20	12/13/2017	N
Dietz Richard Wetland Restoration (Le Sueur Co) CP-17-098	Wetland Restoration/Creation	Landowner Fund	Landowner Portion	$0.00	$1,123.80	12/13/2017	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Ebert, Cliff Native Prairie CP-16-233	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$7,020.00			N
Ebert, Cliff Native Prairie CP-16-233	Non-Structural Management Practices	Landowner Fund	Landowner Portion	$0.00			Y
Entinger, Greg Cover Crops (Le Sueur Co) CP-17-147	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$9,720.00	$3,240.00	12/31/2017	N
Final Report	Administration /Coordination	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$25,000.00			N
Final Report	Administration /Coordination	Local Fund	Scott WMO levy	$7,500.00			Y
Flynn Neil Conservation Cover CP-16-181	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$19,900.00			N
Flynn Neil Conservation Cover CP-16-181	Non-Structural Management Practices	Local Fund	SWCD 2017 LGF	$0.00			Y
Flynn Neil Grade Stabilization CP-16-223	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$10,143.00	$10,143.00	12/19/2017	N
Flynn Neil Grade Stabilization CP-16-223	Agricultural Practices	Landowner Fund	Landowner Portion	$1,127.00	$1,127.00	12/19/2017	Y
Franek Ken WASCB (Rice Co) CP-15-107	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$2,490.00	$2,490.00	7/7/2016	N
Franek Ken WASCB (Rice Co) CP-15-107	Agricultural Practices	Landowner Fund	Landowner Portion	$831.00	$831.00	7/7/2016	Y
In-Lake Management - McMahon Lk Alum Application	Special Projects	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$40,000.00			N
In-Lake Management - McMahon Lk Alum Application	Special Projects	Local Fund	Scott WMo levy	$40,000.00			Y
McNearney Tim GWW CP-16-033	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$6,192.00	$6,192.00	5/10/2016	N
McNearney Tim GWW CP-16-033	Agricultural Practices	Landowner Fund	Landowner Portion	$688.00	$688.00	6/7/2016	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Olson Curt Native Prairie CP-16-116	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$34,518.50	$18,218.50	10/17/2017	N
Olson Curt Native Prairie CP-16-116	Non-Structural Management Practices	Landowner Fund	2015 - Targeted Watershed (Scott County WMO)	$0.00	$1,918.50	9/29/2017	Y
Pany Andy WASCB (LS Co) CP-15-252	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$3,804.00	$3,804.00	4/20/2016	N
Pany Andy WASCB (LS Co) CP-15-252	Agricultural Practices	Landowner Fund	Landowner Portion	$1,268.00	$1,268.00	4/20/2016	Y
Project Development	Project Development	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$5,000.00	$2,101.88	12/31/2017	N
Project Development	Project Development	Local Fund	Scott WMO levy, MAWRC Funds	$66,000.00	$21,509.75	12/31/2017	Y
Puffer Charles Streambank Erosion CP-15-259	Streambank or Shoreline Protection	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$44,117.00	$44,117.00	12/13/2017	N
Puffer Charles Streambank Erosion CP-15-259	Streambank or Shoreline Protection	Landowner Fund	Landowner Portion	$15,651.00	$15,651.00	12/13/2017	Y
Rutz Shirley and Bill Native Prairie CP-16-042	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$12,695.70	$12,695.70	9/29/2017	N
Rutz Shirley and Bill Native Prairie CP-16-042	Non-Structural Management Practices	Landowner Fund	Landowner Portion	$0.00	$895.70	8/18/2016	Y
Scheffler Mark Cover Crops CP-17-190	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$11,100.00			N
Seifert Joe Native Prairie CP-16-058	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$5,385.90	$5,385.90	9/29/2017	N
Seifert Joe Native Prairie CP-16-058	Non-Structural Management Practices	Landowner Fund	Landowner Portion	$0.00	$385.90	8/11/2016	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Seurer Dolan Conservation Cover CP-15-050	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$19,999.00			N
Seurer Dolan Conservation Cover CP-15-050	Non-Structural Management Practices	Landowner Fund	Landowner Portion	$0.00			Y
Shambour Leonard WASCB (LS Co) CP-15-073	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$12,225.00	$12,225.00	12/20/2016	N
Shambour Leonard WASCB (LS Co) CP-15-073	Agricultural Practices	Landowner Fund	Landowner Portion	$10,119.25	$10,119.25	12/13/2016	Y
Shea Kevin Shoreline Protection CP-16-184	Streambank or Shoreline Protection	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$17,299.00	$17,299.00	9/29/2017	N
Shea Kevin Shoreline Protection CP-16-184	Streambank or Shoreline Protection	Landowner Fund	Landowner Portion	$0.00	$5,767.00	9/29/2017	Y
Shimota Charles Grassed WW (Rice Co) CP-15-221	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$13,657.50			N
Shimota Charles Grassed WW (Rice Co) CP-15-221	Agricultural Practices	Landowner Fund	Landowner Portion	$4,552.50			Y
Shimota Charles WASCB (Rice Co) CP-15-220	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$3,702.00			N
Shimota Charles WASCB (Rice Co) CP-15-220	Agricultural Practices	Landowner Fund	Landowner Portion	$1,234.00			Y
Sirek Bill Terrace (Rice Co) CP-16-243	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$40,909.50			N
Sirek Bill Terrace (Rice Co) CP-16-243	Agricultural Practices	Landowner Fund	Landowner Portion	$4,545.50			Y
Sticha Curtis Conservation Cover CP-17-136	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$24,085.00			N
Sticha Curtis Conservation Cover CP-17-136	Non-Structural Management Practices	Landowner Fund	Landowner portion	$0.00			Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Sticha Ronald WASCB (Rice Co) CP-15-099	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$7,429.50	$7,429.50	10/11/2017	N
Sticha Ronald WASCB (Rice Co) CP-15-099	Agricultural Practices	Landowner Fund	Landowner Portion	$2,476.50	$2,476.50	10/11/2017	Y
TACS Program - Agricultural Structural	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$22,361.50			N
TACS Program - Agricultural Structural	Agricultural Practices	Local Fund	Scott WMO levy and Land Owner share	$67,909.50			Y
TACS Program - Wetland Rest	Wetland Restoration/Creation	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$21,325.80			N
TACs Program - Agricultural Nonstructural	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$29,511.90			N
Targeted Capital Projects	Streambank or Shoreline Protection	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$860,000.00	$423,979.88	12/31/2017	N
Targeted Capital Projects	Streambank or Shoreline Protection	Local Fund	Scott WMO levy or LGU	$100,000.00	$62,035.29	12/31/2017	Y
Targeted Riparian Projects	Streambank or Shoreline Protection	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$120,000.00	$23,363.98	11/30/2017	N
Targeted Riparian Projects	Streambank or Shoreline Protection	Local Fund	Scott WMO	$20,000.00	$3,889.16	12/31/2017	Y
Technical/Engineeering Assistance	Technical/Engineering Assistance	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$580,000.00	$406,007.83	12/31/2017	N
Technical/Engineeering Assistance	Technical/Engineering Assistance	Local Fund	Scott WMO levy	$140,000.00	$81,018.11	12/31/2017	Y
Trcka Emil Cover Crops (Le Sueur Co) CP-16-203	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$4,545.00	$3,030.00	11/21/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Trcka Emil WASCBs and Terrace (LS Co) CP-15-135	Agricultural Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$12,600.00	$12,600.00	9/12/2016	N
Trcka Emil WASCBs and Terrace (LS Co) CP-15-135	Agricultural Practices	Landowner Fund	Landowner Portion	$4,748.75	$4,748.75	9/19/2016	Y
Vernon Wick Cover Crops CP-16-228	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$12,000.00			N
Weierke Robert Shoreline Protection CP-16-045	Streambank or Shoreline Protection	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$1,920.00	$1,920.00	9/29/2017	N
Weierke Robert Shoreline Protection CP-16-045	Streambank or Shoreline Protection	Landowner Fund	Landowner Portion	$0.00	$640.00	9/29/2017	Y
Williams, Jim Cover Crops CP-17-003	Non-Structural Management Practices	Current State Grant	2015 - Targeted Watershed (Scott County WMO)	$12,000.00			N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
600 - Terrace	1	2	1225 LINEAR FEET	1225 LINEAR FEET
643 - Restoration and Management of Declining Habitats	1	1	9.4 AC	0 AC
638 - Water and Sediment Control Basin	1	2	1150 LINEAR FEET	1150 LINEAR FEET
643 - Restoration and Management of Declining Habitats	1	1	2.7 AC	2.7 AC
340 - Cover Crop	3	10	100 AC	100 AC
643 - Restoration and Management of Declining Habitats	1	1	5.9 AC	5.9 AC
590 - Nutrient Management	1	0	1000 AC	0 AC

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
390 - Riparian Herbaceous Cover	13	13	2.2 AC	2.2 AC
643 - Restoration and Management of Declining Habitats	1	1	10.2 AC	0 AC
657 - Wetland Restoration	1	1	4.3 AC	4.3 AC
340 - Cover Crop	1	2	81 AC	81 AC
393 - Filter Strip	1	1	3.4 AC	3.4 AC
393 - Filter Strip	1	2	1.5 AC	1.5 AC
638 - Water and Sediment Control Basin	5	3	1 COUNT	1 COUNT
340 - Cover Crop	8	7	100 AC	0 AC
393 - Filter Strip	1	1	3.7 AC	3.7 AC
600 - Terrace	1	1	960 LINEAR FEET	960 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	360 LINEAR FEET	340 LINEAR FEET
340 - Cover Crop	1	1	70 AC	70 AC
412 - Grassed Waterway and Swales	1	1	665 LINEAR FEET	665 LINEAR FEET
643 - Restoration and Management of Declining Habitats	1	1	2.5 AC	2.5 AC
340 - Cover Crop	6	3	92.5 AC	0 AC
580 - Streambank and Shoreline Protection	1	1	300 LINEAR FEET	300 LINEAR FEET
643 - Restoration and Management of Declining Habitats	1	3	9 AC	9 AC
412 - Grassed Waterway and Swales	1	1	600 LINEAR FEET	0 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	45 LINEAR FEET	50 LINEAR FEET
410 - Grade Stabilization Structure	1	1	1 COUNT	1 COUNT
563M - Alum addition - In Lake	1	0	80 AC	0 AC
638 - Water and Sediment Control Basin	1	1	1 COUNT	0 COUNT
600 - Terrace	1	5	4100 LINEAR FEET	0 LINEAR FEET

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
340 - Cover Crop	1	7	96 AC	96 AC
340 - Cover Crop	1	2	50.5 AC	50.5 AC
412 - Grassed Waterway and Swales	1	6	2575 LINEAR FEET	2575 LINEAR FEET
638 - Water and Sediment Control Basin	6	3	3 COUNT	3 COUNT
638 - Water and Sediment Control Basin	5	4	2 COUNT	2 COUNT
393 - Filter Strip	1	1	0.3 AC	0.3 AC
643 - Restoration and Management of Declining Habitats	1	2	13.2 AC	13.2 AC
600 - Terrace	1	1	1800 LINEAR FEET	1800 LINEAR FEET

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments

Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	1,659.10	TONS/YR
PATHOGENS (E. COLI)	183.90	CFU
VOLUME REDUCED (ACRE-FEET/YEAR)	13.60	ACRE-FEET/YR
PHOSPHORUS (EST. REDUCTION)	1,596.30	LBS/YR
SOIL (EST. SAVINGS)	2,250.20	TONS/YR

Grant Activity

Grant Activity - Administration

Description	This activity consists of financial and contract management with vendors and partners, financial tracking, overall coordination, project management and reporting. Existing contracts between Scott County and the SWCDs will either be amended to include the new work under the grant, or new contracts will be completed. A new contract will also be put in place for Great River Greening's efforts, and for Engineering firms as they are selected. An agreement or Letter of Understanding will be completed with MAWRC documenting their contributions to the project. Contracts and Agreements will be posted to e-Link as attachments as they are completed. It is anticipated that agreements/contracts will be completed in March 2015. Reporting will consist of semi-annual reports through e- Link and it is anticipated that results in terms of number of practices encumbered and completed will be included in tabular form, as well as reporting actual on-the-ground results. The end of year report, each year, will also include a brief assessment of progress toward the project goals. Staff lead for this activity and qualifications are presented in Work Plan Attachment 2. The schedule/gant chart for the project including this Activity is presented in Work Plan Attachment 1.		
Category	ADMINISTRATION/COORDINATION		
Start Date	20-Feb-15	**End Date**	31-Mar-19
Has Rates and Hours?	No		
Actual Results	December 31, 2015. Agreement was executed with BWSR. Scott County also established new contracts with the Le Sueur and Rice SWCDs and amended their existing contract with the Scott SWCD for technical assistance on TACS projects eligible for the grant. Contracts were established with Inter-Fluve Inc. for a feasibility study and 30% designs for the near channel CIPs. A contract was established with Great River Greening regarding the riparian buffer projects for technical assistance. An agreement was reached with MAWRC for their contributions towards the project as well. Additionally financial controls for managing expenses were also set up, and various invoices from the contracts processed. A kick-off meeting and a progress meeting for the team partners were also hosted. Administrative Efforts in 2016 included review and processing of invoices, tracking expenses, reporting, and coordination of partners. Coordination included hosting a second team coordination meeting. Administrative Efforts in 2017 included review and processing of invoices, tracking expenses, reporting, and coordination of partners. Coordination included a mid-year meeting update with BWSR staff.		

Grant Activity - Bartusek Ben WASCBs & Grassed WW (RIce Co) CP-15-098			
Description	Bartusek Ben WASCBs & Grassed WW (Rice Co) CP-15-098		
Category	AGRICULTURAL PRACTICES		
Start Date	7-May-15	End Date	23-Nov-15
Has Rates and Hours?	No		
Actual Results	This project consists of three Water and Sediment Control Basins and one 600 lin. ft. Waterway.		

Activity Action - Project Installation			
Practice	638 - Water and Sediment Control Basin	Count of Activities	3
Description	Project is complete.		
Proposed Size / Units	3.00 COUNT	Lifespan	10 Years
Actual Size/Units	3.00 COUNT	Installed Date	23-Nov-15
Mapped Activities	3 Point(s)		

Final Indicator for Project Installation			
Indicator Name	SEDIMENT (TSS)	Value	89.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		
Final Indicator for Project Installation			
Indicator Name	SOIL (EST. SAVINGS)	Value	89.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		
Final Indicator for Project Installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	89.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		

Activity Action - Project Installation			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Project is complete. The grassed waterway was no longer needed and was not installed.		
Proposed Size / Units	600.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	0.00 LINEAR FEET	Installed Date	23-Nov-15
Mapped Activities	1 Polygon(s)		

Final Indicator for Project Installation			
Indicator Name	SOIL (EST. SAVINGS)	Value	89.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		
Final Indicator for Project Installation			
Indicator Name	SEDIMENT (TSS)	Value	89.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		
Final Indicator for Project Installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	89.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		

Grant Activity - Bauer Arnold Cover Crops (Le Sueur Co) CP-16-202			
Description	Bauer Arnold Cover Crops (Le Sueur Co) CP-16-202		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	1-Sep-16	End Date	31-Oct-18
Has Rates and Hours?	No		
Actual Results	This project consists of 70 acres of cover crops being planted over the course of three years.		

Activity Action - Cover Crops			
Practice	340 - Cover Crop	Count of Activities	1
Description	Fall aerial seeded plants that stay in the field until the following spring that help with soil health and runoff reduction		
Proposed Size / Units	70.00 AC	Lifespan	3 Years
Actual Size/Units	70.00 AC	Installed Date	30-Sep-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Cover Crops			
Indicator Name	SOIL (EST. SAVINGS)	Value	0
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Unknown
Waterbody	Rice Lake		

Grant Activity - Bauer Arnold WASCOB (Le Sueur Co) CP-17-109			
Description	Bauer Arnold WASCOB (Le Sueur Co) CP-17-109		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

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

Final Indicator for Water and Sediment Control Basin			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Rice Lake		

Final Indicator for Water and Sediment Control Basin			
Indicator Name	SEDIMENT (TSS)	Value	9.2

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Rice Lake		
Final Indicator for Water and Sediment Control Basin			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	18.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Rice Lake		

Grant Activity - Citizen Engagement - General Outreach			
Description	Citizen Engagement - General Outreach. This activity consists of the development and distribution of general outreach materials such as press releases, fact sheets, success stories, etc. Staff lead for this activity and qualifications are presented in Work Plan Attachment 2. The schedule/gant chart for the project including this Activity is presented in Work Plan Attachment 1.		
Category	EDUCATION/INFORMATION		
Start Date	20-Feb-15	**End Date**	31-Mar-19
Has Rates and Hours?	Yes		
Actual Results	December 31, 2015. A template fact sheet was established for consistency when advertising completed projects. A release about the project and grant was written and posted on the County website. We are developing a Story Map through GIS to document success stories within the Sand Creek Watershed. General education efforts in 2016 included work on the Story Map, participation in and support for a cover crop field demonstration held in June. General education efforts in 2017 included the completion of the Story Map, participation in and support for a cover crop field demonstration held in November and a cover crop workshop held in March.		

Grant Activity - Citizen Engagement - Land Owner Surveys			
Description	This activity consists of completing two surveys. One is a land owner participation satisfaction survey where participants in the TACS program will be surveyed to determine their motivations for participating, how they learned of the TACs program, why they selected the practice(s) they did, how the process went, whether they got satisfactory service, whether the practice is performing as expected, and what we could do better. The second survey is a repeat of the 2011 survey of Sand Creek watershed land owners, and comparison with the 2011 results to determine if program efforts since that time have reached land owners and affected any of their values and beliefs. The satisfaction survey will be completed winter/spring of 2017, and the Sand Creek survey in 2018. Staff lead for this activity and qualifications are presented in Work Plan Attachment 2. The schedule/gant chart for the project including this Activity is presented in Work Plan Attachment 1.		
Category	SPECIAL PROJECTS		
Start Date	1-Jan-17	**End Date**	31-Dec-18
Has Rates and Hours?	Yes		
Actual Results	December 31, 2015. At this time, nothing to report on this activity since the activity is scheduled for 2017. The first round of surveys was completed in 2017 and the results have been analyzed and used toward program directions and planning in the future. The second round of surveys were being planned for being sent out in early 2018.		

Grant Activity - Cover crop & Nutrient Management Pilots			
Description	This activity consists of completing cover crop and nutrient management demonstrations and pilots. This effort will be complemented and promoted through the Farmer Co-op (Activity number 10.b). For nutrient management, expenses will take the form of an incentive payment. For cover crops several approaches will be tried likely including incentive payments, aggregating interested landowners into a single contract with an aerial applicator, and/or purchase of a drill with clearance for late season seeding for interested parties to try and use. Incentive payment rates for nutrient management and payment processes are detailed in the 2015 Scott WMO Cost Share and Incentive Program Docket (Attached). It is anticipated that cover crop incentive rates will follow NRCS rates subjects to some adjustments based on advice from the Farmer Led Co-op (Activity 10.b). It is anticipated that implementation efforts under this activity will start in 2016 since 2015 will focus on startup and organization of the Farmer co-op. This activity will be lead by the Scott SWCD and coordinated with the Farm Led Co-op. Other SWCDs will assist. Staff lead for this activity and qualifications are presented in Work Plan Attachment 2. The schedule/gant chart for the project including this Activity is presented in Work Plan Attachment 1.		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	1-Jul-16	**End Date**	30-Sep-18
Has Rates and Hours?	No		
Actual Results	December 31, 2015. No pilots were established. However, both cover crops and nutrient management were added or revised in the 2016 TACS Docket for cost-share opportunities. The famer-led group discussed cover crops at their summer meeting and will continue to further discuss more opportunities for implementation at their winter 2016 meeting. Potential targets were also identified for contact by project partners. The cover crop inter-seeder which was purchased in 2016 continues to be used by residents across Scott, Le Sueur and Rice Counties in the Sand Creek Watershed. The cover crop and nutrient management practices continued to be reviewed and revised to proactively accommodate demand and need in the annual Technical Assistance and Cost Share Program. Cover crop pilot fields continue to be pursued with landowners.		

Activity Action - Watershed Treatments - Cover crop & Nutrient Management Pilots			
Practice	590 - Nutrient Management	Count of Activities	1
Description	Incentive for soil testing, nutrient management planning, and nutrient management		
Proposed Size / Units	1,000.00 AC	Lifespan	1 Year
Actual Size/Units	AC	Installed Date	
Mapped Activities	No		

Activity Action - Watershed Treatments - Cover crop & Nutrient Management Pilots			
Practice	340 - Cover Crop	Count of Activities	1
Description	Acreage in cover crop pilots through either incentive, joint contracting, or equipment availability		
Proposed Size / Units	100.00 AC	Lifespan	5 Years
Actual Size/Units	AC	Installed Date	
Mapped Activities	No		

Grant Activity - David, Todd Cover Crops (Le Sueur Co) CP-17-161			
Description			
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	12-Sep-17	End Date	11-Mar-20
Has Rates and Hours?	No		
Actual Results	100 acres of cover crops are planned to be planted over the next three years		

Activity Action - Cover Crops			
Practice	340 - Cover Crop	Count of Activities	1
Description			
Proposed Size / Units	100.00 AC	Lifespan	3 Years
Actual Size/Units	100.00 AC	Installed Date	6-Nov-17
Mapped Activities	2 Polygon(s)		

Final Indicator for Cover Crops			
Indicator Name	SEDIMENT (TSS)	Value	0
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Rice Lake		

Grant Activity - David, Todd WASCOB (Le Sueur Co) CP-17-182			
Description			
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - WASCOB			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description			
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	
Mapped Activities	2 Polygon(s)		

Final Indicator for WASCOB			
Indicator Name	SEDIMENT (TSS)	Value	22.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Dietz Lake		
Final Indicator for WASCOB			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	25.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Dietz Lake		
Final Indicator for WASCOB			
Indicator Name	SOIL (EST. SAVINGS)	Value	22.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Dietz Lake		

Grant Activity - Dietz Richard Wetland Restoration (Le Sueur Co) CP-17-098			
Description	Dietz Richard Wetland Restoration (Le Sueur Co) CP-17-098		
Category	WETLAND RESTORATION/CREATION		
Start Date	9-May-17	End Date	06-Dec-17
Has Rates and Hours?	No		
Actual Results	A 4.3 acre wetland and upland buffer were restored and planted, respectively, in the fall of 2017. Certification occurred in December 2017.		

Activity Action - Wetland Restoration			
Practice	657 - Wetland Restoration	Count of Activities	1
Description			
Proposed Size / Units	4.30 AC	Lifespan	15 Years
Actual Size/Units	4.30 AC	Installed Date	6-Dec-17
Mapped Activities	1 Polygon(s)		

Final Indicator for Wetland Restoration			
Indicator Name	SOIL (EST. SAVINGS)	Value	109.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		
Final Indicator for Wetland Restoration			
Indicator Name	SEDIMENT (TSS)	Value	24.7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		
Final Indicator for Wetland Restoration			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	28.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		

Grant Activity - Ebert, Cliff Native Prairie CP-16-233			
Description			
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Native Prairie			
Practice	643 - Restoration and Management of Declining Habitats	Count of Activities	1
Description			
Proposed Size / Units	2.70 AC	Lifespan	10 Years
Actual Size/Units	2.70 AC	Installed Date	
Mapped Activities	1 Polygon(s)		

Final Indicator for Native Prairie			
Indicator Name	SOIL (EST. SAVINGS)	Value	27
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Raven Stream		
Final Indicator for Native Prairie			
Indicator Name	SEDIMENT (TSS)	Value	7.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Raven Stream		
Final Indicator for Native Prairie			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Raven Stream		
Final Indicator for Native Prairie			
Indicator Name	VOLUME REDUCED (ACRE-FEET/YEAR)	Value	1.3
Indicator Subcategory/Units	STORMWATER MANAGEMENT ACRE-FEET/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Raven Stream		

Grant Activity - Entinger, Greg Cover Crops (Le Sueur Co) CP-17-147			
Description			
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	8-Aug-17	End Date	11-Mar-20
Has Rates and Hours?	No		
Actual Results	81 acres of cover crops will be planted over the course of three years.		

Activity Action - Cover Crops			
Practice	340 - Cover Crop	Count of Activities	1
Description			
Proposed Size / Units	81.00 AC	Lifespan	3 Years
Actual Size/Units	81.00 AC	Installed Date	
Mapped Activities	2 Polygon(s)		

Final Indicator for Cover Crops			
Indicator Name	SEDIMENT (TSS)	Value	0
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		

Grant Activity - Final Report			
Description	This activity consists of evaluating the entirety of the grant project, using project metrics, quantifying final outcomes, identifying lessons learned, and producing a final report. Staff lead for this activity and qualifications are presented in Work Plan Attachment 2. The schedule/gant chart for the project including this Activity is presented in Work Plan Attachment 1.		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Oct-18	End Date	31-Mar-19
Has Rates and Hours?	Yes		
Actual Results	December 31, 2015. At this time, nothing to report on this activity. It is scheduled for action in 2018.		

Grant Activity - Flynn Neil Conservation Cover CP-16-181			
Description	Flynn Neil Conservation Cover CP-16-181		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Conservation Cover			
Practice	643 - Restoration and Management of Declining Habitats	Count of Activities	1
Description	9 acres of native prairie were planted adjacent to Raven Stream		
Proposed Size / Units	9.00 AC	Lifespan	10 Years
Actual Size/Units	9.00 AC	Installed Date	15-Nov-17
Mapped Activities	3 Polygon(s)		

Final Indicator for Conservation Cover			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Raven Stream		
Final Indicator for Conservation Cover			
Indicator Name	SEDIMENT (TSS)	Value	3.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Raven Stream		
Final Indicator for Conservation Cover			
Indicator Name	SOIL (EST. SAVINGS)	Value	9.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Raven Stream		

Grant Activity - Flynn Neil Grade Stabilization CP-16-223			
Description	Flynn Neil Grade Stabilization CP-16-223		
Category	AGRICULTURAL PRACTICES		
Start Date	18-Apr-17	**End Date**	18-Sep-17
Has Rates and Hours?	No		
Actual Results	One grade stabilization was installed in the fall of 2017 to reduce sediment and nutrients from entering Raven Stream, a tributary of Sand Creek.		

Activity Action - Grade Stabilization			
Practice	410 - Grade Stabilization Structure	**Count of Activities**	1
Description	This grade stabilization structure is designed to eliminate a head cutting gully and reducing sediment and phosphors from entering nearby Raven Stream.		
Proposed Size / Units	1.00 COUNT	**Lifespan**	10 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	18-Sep-17
Mapped Activities	1 Point(s)		

Final Indicator for Grade Stabilization			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	3.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Raven Stream		

Final Indicator for Grade Stabilization			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	3.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Raven Streamq		

Final Indicator for Grade Stabilization			
Indicator Name	SEDIMENT (TSS)	**Value**	3.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Raven Stream		

Grant Activity - Franek Ken WASCB (Rice Co) CP-15-107			
Description	Franek Ken WASCB (Rice Co) CP-15-107		
Category	AGRICULTURAL PRACTICES		
Start Date	13-May-15	**End Date**	31-Dec-16
Has Rates and Hours?	No		
Actual Results	A water and sediment control basin was constructed at the head of an ephemeral (annual recurring) gully. The basin was designed to temporarily impound water from the contributing area, and slowly release it through an underground outlet structure/tile line.		

Activity Action - Project Installation			
Practice	638 - Water and Sediment Control Basin	**Count of Activities**	1
Description	Project is in process.		
Proposed Size / Units	1.00 COUNT	**Lifespan**	10 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	11-Apr-17
Mapped Activities	1 Point(s)		

Final Indicator for Project Installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	1.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Creek		

Final Indicator for Project Installation			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	15.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Creek		

Final Indicator for Project Installation			
Indicator Name	SEDIMENT (TSS)	**Value**	1.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Creek		

Grant Activity - In-Lake Management - McMahon Lk Alum Application			
Description	This activity consists of applying alum to McMahon Lake. This effort is complemented by Activity 11.d Technical /Engineering Assistance. As part of Activity 11.d the effort will be managed by the Scott WMO, a consultant will be used for the sediment core analysis and dosing, and a vendor selected by competitive process for the actual application. This activity will be led by Scott County. Staff lead for this activity and qualifications are presented in Work Plan Attachment 2. The schedule/gant chart for the project including this Activity is presented in Work Plan Attachment 1.		
Category	SPECIAL PROJECTS		
Start Date	1-May-17	**End Date**	30-Nov-17
Has Rates and Hours?	No		
Actual Results	December 31, 2015. At this time, nothing to report on this activity. It is scheduled for action in 2017. In 2017, it was determined by staff with the help of the Scott WMO's Technical Advisory Committee and the New Market Sportmans Club that due to the recent phosphorus reductions in McMahon Lake that an alum treatment at this time was not advisable. Unless phosphorus levels rise again there is no alum treatment intended for the lake. Work Plan amendment has been requested.		

Activity Action - In-Lake Management - McMahon Lk Alum Application			
Practice	563M - Alum addition - In Lake	**Count of Activities**	1
Description	Alum treatment McMahon Lake		
Proposed Size / Units	80.00 AC	**Lifespan**	15 Years
Actual Size/Units	AC	**Installed Date**	
Mapped Activities	No		

Grant Activity - McNearney Tim GWW CP-16-033			
Description	McNearney Tim GWW CP-16-033		
Category	AGRICULTURAL PRACTICES		
Start Date	10-Feb-16	**End Date**	10-May-16
Has Rates and Hours?	No		
Actual Results	Rice County Project. One Grassed Waterway was constructed.		

Activity Action - McNearny Tim GWW CP-16-013			
Practice	412 - Grassed Waterway and Swales	**Count of Activities**	1
Description			
Proposed Size / Units	665.00 LINEAR FEET	**Lifespan**	10 Years
Actual Size/Units	665.00 LINEAR FEET	**Installed Date**	10-May-16
Mapped Activities	1 Polygon(s)		

Final Indicator for McNearny Tim GWW CP-16-013			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	450.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		

Final Indicator for McNearny Tim GWW CP-16-013			
Indicator Name	SEDIMENT (TSS)	**Value**	150.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		

Final Indicator for McNearny Tim GWW CP-16-013			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	150.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		

Grant Activity - Olson Curt Native Prairie CP-16-116			
Description	Olson Curt Native Prairie CP-16-116		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	15-Nov-16	**End Date**	31-Aug-18
Has Rates and Hours?	No		
Actual Results	13.2 acres of native grasses was planted in Rice County in the spring of 2017. The first half payment was made in 2017 and the second half payment will be made in 2018.		

Activity Action - Native Prairie			
Practice	643 - Restoration and Management of Declining Habitats	Count of Activities	1
Description	This is a 13.2 acre native prairie planting in Rice County.		
Proposed Size / Units	13.20 AC	Lifespan	10 Years
Actual Size/Units	13.20 AC	Installed Date	16-Jun-17
Mapped Activities	2 Polygon(s)		

Final Indicator for Native Prairie			
Indicator Name	SEDIMENT (TSS)	Value	0.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		

Final Indicator for Native Prairie			
Indicator Name	SOIL (EST. SAVINGS)	Value	0.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		

Final Indicator for Native Prairie			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	0.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		

Final Indicator for Native Prairie			
Indicator Name	VOLUME REDUCED (ACRE-FEET/YEAR)	Value	0.6
Indicator Subcategory/Units	STORMWATER MANAGEMENT ACRE-FEET/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		

Grant Activity - Pany Andy WASCB (LS Co) CP-15-252			
Description	Pany Andy WASCB CP-15-252		
Category	AGRICULTURAL PRACTICES		
Start Date	20-Nov-15	End Date	20-Apr-16
Has Rates and Hours?	No		
Actual Results	One WASCB constructed to prevent sediment and phosphorus from entering a private ditch that outlets into Sand Creek and eventually to the Minnesota River.		

Activity Action - Project Installation			
Practice	638 - Water and Sediment Control Basin	**Count of Activities**	1
Description			
Proposed Size / Units	1.00 COUNT	**Lifespan**	10 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	20-Apr-16
Mapped Activities	2 Point(s)		

Final Indicator for Project Installation			
Indicator Name	SEDIMENT (TSS)	**Value**	84.0
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 54 and Sand Creek		

Final Indicator for Project Installation			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	84.0
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 54 and Sand Creek		

Final Indicator for Project Installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	96.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 54 and Sand Creek		

Grant Activity - Project Development

Description	This activity consists of a number of efforts (largely staff) supporting other activities. A detailed budget and schedule for each effort under this task is provided in Work Plan Attachment 1. Staff lead for the various efforts under this Activity and qualifications are presented in Work Plan Attachment 2. The various efforts include the following: Activity 10.a Project Management, outreach and land owner contacts supporting Activity 5: Targeted Riparian Projects. Activity 10.b Coordination of the Farmer Led Co-op. Activity 10.c Hosting a Thank You event for cooperators, partners and the public. Activity 10.d Manage 2 to 3 of the riparian projects as volunteer opportunities.

Category	PROJECT DEVELOPMENT		
Start Date	1-Mar-15	**End Date**	19-Mar-19
Has Rates and Hours?	Yes		
Actual Results	December 31, 2015. This activity was split into four activities that were outlined in the Work Plan. Activity 10.a, the refinement for riparian projects, application process, and eligibility requirements were finalized. The landowner outreach responsibilities were assigned. A flyer was generated by Great River Greening describing the riparian buffer opportunity. Activity 10.b, one farmer-led meeting was held in the summer with four producers within the watershed attending and Jeremy Geske of MAWRC leading the meeting. A number of phone calls and individual conversations were also completed. Activity 10.c, at this time, nothing to report on this activity as this is not scheduled until 2018. Events have been discussed under Activity 10.d, but at this point, nothing has been identified. For 2016 efforts by the MAWRC for this task included hosting of a Farmer co-op meeting, additional information sharing with farmers on the team, dissemination of results and questions from the farmers to the project manager, assistance getting the word out and participation in the cover crop field day. Other efforts under this task in 2016 consisted of development of program materials (i.e., planting pallets etc.)for the Targeted Riparian Projects by County staff and Great River Greening. Initial outreach to targeted property owners was also completed. One planting event was completed, for which the effort to coordinate and host was completed as part of this activity. However, the invoice for this effort has not been received as of the 2016 reporting date and thus costs are not yet reflected in the 2016 progress report. For 2017 efforts by the MAWRC for this task included hosting of a Farmer co-op meeting. Targeting of riparian buffers in Le Sueur and Rice County and initial outreach to targeted property owners was completed. One planting volunteer event was completed over the course of two days.		

Grant Activity - Puffer Charles Streambank Erosion CP-15-259			
Description	Puffer Charles Streambank Erosion CP-15-259		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Mar-16	**End Date**	11-Dec-17
Has Rates and Hours?	No		
Actual Results	One 300 linear foot streambank stabilization was completed in Le Sueur County.		

Activity Action - Streambank Stabilization			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	300.00 LINEAR FEET	Lifespan	20 Years
Actual Size/Units	300.00 LINEAR FEET	Installed Date	11-Dec-17
Mapped Activities	1 Line(s)		

Final Indicator for Streambank Stabilization			
Indicator Name	SEDIMENT (TSS)	Value	161
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	Sand Creek		

Final Indicator for Streambank Stabilization			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	161
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Sand Creek		

Grant Activity - Rutz Shirley and Bill Native Prairie CP-16-042			
Description	Rutz Shirley and Bill Native Prairie CP-16-042		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	7-Mar-16	End Date	08-Jun-16
Has Rates and Hours?	No		
Actual Results	Shirley and Bill converted 5.9 acres of cropland into native prairie.		

Activity Action - Project Installation			
Practice	643 - Restoration and Management of Declining Habitats	Count of Activities	1
Description			
Proposed Size / Units	5.90 AC	Lifespan	10 Years
Actual Size/Units	5.90 AC	Installed Date	8-Jun-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Project Installation			
Indicator Name	SEDIMENT (TSS)	Value	3.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)

Waterbody	Intermittent stream to Sand Creek		
Final Indicator for Project Installation			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	13.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Intermittent stream to Sand Creek		
Final Indicator for Project Installation			
Indicator Name	VOLUME REDUCED (ACRE-FEET/YEAR)	**Value**	2.7
Indicator Subcategory/Units	STORMWATER MANAGEMENT ACRE-FEET/YR	**Calculation Tool**	Other
Waterbody	Intermittent stream to Sand Creek		
Final Indicator for Project Installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	6.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Intermittent stream to Sand Creek		

Grant Activity - Scheffler Mark Cover Crops CP-17-190			
Description			
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date		**End Date**	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Cover Crops			
Practice	340 - Cover Crop	**Count of Activities**	3
Description			
Proposed Size / Units	92.50 AC	**Lifespan**	3 Years
Actual Size/Units	AC	**Installed Date**	
Mapped Activities	3 Polygon(s)		

Final Indicator for Cover Crops			
Indicator Name	SEDIMENT (TSS)	**Value**	0
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	Unknown
Waterbody	Sand Creek		

Grant Activity - Seifert Joe Native Prairie CP-16-058			
Description	Seifert Joe Native Prairie CP-16-058		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	21-Mar-16	**End Date**	08-Jun-16
Has Rates and Hours?	No		
Actual Results	Enrolled 2.5 acres into native prairie program. Property drains to Sand Creek.		

Activity Action - Project Installation			
Practice	643 - Restoration and Management of Declining Habitats	**Count of Activities**	1
Description			
Proposed Size / Units	2.50 AC	**Lifespan**	10 Years
Actual Size/Units	2.50 AC	**Installed Date**	8-Jun-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Project Installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	2.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		
Final Indicator for Project Installation			
Indicator Name	SEDIMENT (TSS)	**Value**	1.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		
Final Indicator for Project Installation			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	5.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		

Grant Activity - Seurer Dolan Conservation Cover CP-15-050			
Description			
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Conservation Cover			
Practice	643 - Restoration and Management of Declining Habitats	Count of Activities	1
Description			
Proposed Size / Units	9.40 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	
Mapped Activities	1 Polygon(s)		

Final Indicator for Conservation Cover			
Indicator Name	SEDIMENT (TSS)	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		
Final Indicator for Conservation Cover			
Indicator Name	VOLUME REDUCED (ACRE-FEET/YEAR)	Value	4.3
Indicator Subcategory/Units	STORMWATER MANAGEMENT ACRE-FEET/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		
Final Indicator for Conservation Cover			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	17.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		
Final Indicator for Conservation Cover			
Indicator Name	SOIL (EST. SAVINGS)	Value	29.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		

Grant Activity - Shambour Leonard WASCB (LS Co) CP-15-073			
Description	Shambour Leonard WASCB (LS Co) CP-15-073		
Category	AGRICULTURAL PRACTICES		
Start Date	17-Apr-15	**End Date**	31-Dec-16
Has Rates and Hours?	No		
Actual Results	One terrace was constructed to prevent sediment and Phosphorus from entering a private ditch that eventually leads to County Ditch 54; which then leads to Sand Creek and eventually the Minnesota River. Installation of the basins reduces sediment and Phosphorus from leaving the crop field as well as reducing the overland flow and sediment deposition from entering the adjacent watercourse.		

Activity Action - Project Installation			
Practice	600 - Terrace	**Count of Activities**	1
Description			
Proposed Size / Units	1,800.00 LINEAR FEET	**Lifespan**	10 Years
Actual Size/Units	1,800.00 LINEAR FEET	**Installed Date**	7-Dec-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Project Installation			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	219.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek and Co Ditch 54		
Final Indicator for Project Installation			
Indicator Name	SEDIMENT (TSS)	**Value**	193.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek and Co Ditch 54		
Final Indicator for Project Installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	193.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek and Co Ditch 54		

Grant Activity - Shea Kevin Shoreline Protection CP-16-184			
Description	Shea Kevin Shoreline Protection CP-16-184		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	16-May-17	End Date	21-Jul-17
Has Rates and Hours?	No		
Actual Results	340 linear feet of shoreline was stabilized along McMahon Lake in 2017.		

Activity Action - Shoreline Protection			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	360.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	340.00 LINEAR FEET	Installed Date	21-Jul-17
Mapped Activities	1 Line(s)		

Final Indicator for Shoreline Protection			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	26
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	McMahon Lake		

Final Indicator for Shoreline Protection			
Indicator Name	SEDIMENT (TSS)	Value	26
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	McMahon Lake		

Grant Activity - Shimota Charles Grassed WW (Rice Co) CP-15-221			
Description	Shimota Charles Grassed WW (Rice Co) CP-15-221		
Category	AGRICULTURAL PRACTICES		
Start Date	8-Oct-15	End Date	
Has Rates and Hours?	No		
Actual Results	2575 linear feet of grassed waterway was planted.		

Activity Action - Project Installation			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Project is in process.		
Proposed Size / Units	2,575.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	2,575.00 LINEAR FEET	Installed Date	
Mapped Activities	6 Polygon(s)		

Final Indicator for Project Installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	26.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Creek		
Final Indicator for Project Installation			
Indicator Name	SOIL (EST. SAVINGS)	Value	109.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Creek		
Final Indicator for Project Installation			
Indicator Name	SEDIMENT (TSS)	Value	26.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Creek		

Grant Activity - Shimota Charles WASCB (Rice Co) CP-15-220			
Description	Shimota Charles WASCB (Rice Co) CP-15-220		
Category	AGRICULTURAL PRACTICES		
Start Date	8-Oct-15	End Date	
Has Rates and Hours?	No		
Actual Results	One WASCB was installed to slow and annual recurring erosion from losing topsoil.		

Activity Action - Project Installation			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Project is in process.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	
Mapped Activities	1 Point(s)		

Final Indicator for Project Installation			
Indicator Name	SEDIMENT (TSS)	Value	1.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Creek		

Final Indicator for Project Installation			
Indicator Name	SOIL (EST. SAVINGS)	Value	8.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Creek		

Final Indicator for Project Installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Sand Creek		

Grant Activity - Sirek Bill Terrace (Rice Co) CP-16-243			
Description	Sirek Bill Terrace (Rice Co) CP-16-243		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Terrace			
Practice	600 - Terrace	Count of Activities	1
Description	This project consists of 4,100 linear feet over five separate terraces		
Proposed Size / Units	4,100.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	5 Polygon(s)		

Final Indicator for Terrace			
Indicator Name	SEDIMENT (TSS)	Value	16.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Porter Creek		

Final Indicator for Terrace			
Indicator Name	SOIL (EST. SAVINGS)	Value	54.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Porter Creek		

Final Indicator for Terrace			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	16.3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Porter Creek		

Grant Activity - Sticha Curtis Conservation Cover CP-17-136			
Description			
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Conservation Cover			
Practice	643 - Restoration and Management of Declining Habitats	Count of Activities	1
Description			
Proposed Size / Units	10.20 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	
Mapped Activities	1 Polygon(s)		

Final Indicator for Conservation Cover			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	15.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		
Final Indicator for Conservation Cover			
Indicator Name	SEDIMENT (TSS)	Value	9.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		
Final Indicator for Conservation Cover			
Indicator Name	VOLUME REDUCED (ACRE-FEET/YEAR)	Value	4.7
Indicator Subcategory/Units	STORMWATER MANAGEMENT ACRE-FEET/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		
Final Indicator for Conservation Cover			
Indicator Name	SOIL (EST. SAVINGS)	Value	26.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Porter Creek		

Grant Activity - Sticha Ronald WASCB (Rice Co) CP-15-099			
Description	Sticha Ronald WASCB (Rice Co) CP-15-099		
Category	AGRICULTURAL PRACTICES		
Start Date	7-May-15	End Date	31-Dec-16
Has Rates and Hours?	No		
Actual Results	There was erosion along a field edge that is near a tributary stream of Sand Creek. A 200 linear foot WASCB was designed to reduce the sediment and phosphorus from entering the tributary stream. The embankment was designed to temporarily impound water from the contributing area, and slowly release it through an underground outlet structure/tile line.		

Activity Action - Project Installation			
Practice	638 - Water and Sediment Control Basin	**Count of Activities**	1
Description	Project is in process.		
Proposed Size / Units	1.00 COUNT	**Lifespan**	10 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	24-Jul-17
Mapped Activities	1 Point(s)		

Final Indicator for Project Installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	223.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		
Final Indicator for Project Installation			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	223.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		
Final Indicator for Project Installation			
Indicator Name	SEDIMENT (TSS)	**Value**	223.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		

Grant Activity - TACS Program - Agricultural Structural

Description	This Activity consists of installing structural agricultural practices in accordance with the Prioritization and Targeting goals articulated in Attachment 3. Cost share amounts, payments, and installation will follow the specifications in the 2015 Scott WMO Cost Share Program Conservation Practice Payment Docket. The Docket is updated annually. Eligible practices include: critical area planting, diversion, grade stabilization structure, grassed waterway, terrace, underground outlet, streambank stabilization, and water and sediment control basin. It is estimated that about 50 to 60 practices will be installed. This Activity will be lead by the Scott SWCD with assistance from Scott County, and the other SWCDs under related Activity 11.a Technical/Engineering Assistance. Practice approval, design, installation, inspection and maintenance will follow protocol in the 2015 Scott WMO Cost Share Program Conservation Practice Payment Docket (updated annually, copy attached). The Docket uses NRCS and BWSR specifications. A 10 to 15 year contract will be executed with the land owner (Attachment 9), inspections are completed at roughly three year intervals over the contract term, and land owners/operators are provided O&M Guidance (Attachment 10). Prioritization and targeting for land owner contacts and practice promotion will follow the Prioritized, Targeted and Measureable Goals statement processes included as Attachment 3.		
Category	AGRICULTURAL PRACTICES		
Start Date	1-Mar-15	**End Date**	19-Mar-19
Has Rates and Hours?	No		
Actual Results	December 31, 2015. In Rice County, there were (2) grassed/lined waterways, (12) WASCOBs, and (2) terraces for a total of $101,850 of approved project dollars including the grant funds and landowner contributions. In Le Sueur County, there were (3) WASCOBs and (2) terraces for a total of $38,300 of approved project dollars including the grant funds and landowner contributions. No projects in Scott County had TWG funds' going towards them as the focus in 2015 was to the upper watersheds in Rice and Le Sueur Counties. Two practices were constructed and certified complete which both were in Rice County. A summary of the practices approved to date is provided in attachment named "TWG TACS Projects March-December 2015". In 2017, there was one additional project in Rice County for a terrace. In Le Sueur County, there three additional WASCOBs approved. In Scott County, one grade stabilization structure was approved and constructed along Raven Stream.		

Grant Activity - TACS Program - Wetland Rest			
Description	This Activity consists of wetland restoration in accordance with the Prioritization and Targeting goals articulated in Attachment 3. Cost share amounts, payments, and installation will follow the specifications in the 2015 Scott WMO Cost Share Program Conservation Practice Payment Docket. The Docket is updated annually. It is estimated that about 20 acres of restoration will be targeted. This Activity will be lead by the Scott SWCD with assistance from Scott County, and the other SWCDs under related Activity 11.a Technical/Engineering Assistance. Practice approval, design, installation, inspection and maintenance will follow protocol in the 2015 Scott WMO Cost Share Program Conservation Practice Payment Docket (updated annually, copy attached). The Docket uses NRCS and BWSR specifications. A 15 year contract will be executed with the land owner (Attachment 9), and inspections are completed at roughly five year intervals over the contract term.		
Category	WETLAND RESTORATION/CREATION		
Start Date	1-Mar-15	**End Date**	19-Mar-19
Has Rates and Hours?	No		
Actual Results	December 31, 2015. Discussions with Scott, Rice and Le Sueur SWCDs were made regarding potential wetland restorations to target. No applications have been received to date. A targeted outreach effort is being developed for implementation starting in 2016. Discussions were held with one targeted landowner with land adjacent to Cedar Lake as part of Activity 11.b, with the landowners expressing some interest, but not at this time. In 2017, Le Sueur County had one wetland restoration that was approved and restored in the fall of 2017 for 4.3 acres. An upland buffer was also planted adjacent to the restored wetland.		

Grant Activity - TACs Program - Agricultural Nonstructural			
Description	This Activity consists of installing non-structural practices in accordance with the Prioritization and Targeting goals articulated in Attachment 3. Cost share amounts, payments, and installation will follow the specifications in the 2015 Scott WMO Cost Share Program Conservation Practice Payment Docket. The Docket is updated annually. Eligible practices include: filter strip (harvestable and non-harvestable), native grass, natural shoreline restoration and/or stabilization, and riparian buffer with native vegetation. It is estimated that about 100 acres of practices will be installed. This Activity will be lead by the Scott SWCD with assistance from Scott County, and the other SWCDs under related Activity 11.a Technical/Engineering Assistance. Practice approval, design, installation, inspection and maintenance will follow protocol in the 2015 Scott WMO Cost Share Program Conservation Practice Payment Docket (updated annually, copy attached). The Docket uses NRCS and BWSR specifications. A 10 to 15 year contract will be executed with the land owner (Attachment 9), inspections are completed at roughly three year intervals over the contract term, and land owners/operators are provided O&M Guidance (Attachment 10). Prioritization and targeting for land owner contacts and practice promotion will follow the Prioritized, Targeted and Measureable Goals statement processes included as Attachment 3.		
Category	AGRICULTURAL PRACTICES		
Start Date	1-Mar-15	**End Date**	19-Mar-19
Has Rates and Hours?	No		
Actual Results	December 31, 2015. Discussions with Scott, Rice and Le Sueur SWCDs were made regarding potential agricultural non-structural projects to target. No applications have been received to date. A targeted outreach effort is being developed for implementation starting in 2016. In 2017, Le Sueur County had two additional cover crop projects for 181 acres. In Scott County, there were nine additional projects including: 395 linear feet of shoreline stabilization, 31.3 acres of native grasses, 1 grade stabilization structure, and 392.5 acres of cover crops.		

Grant Activity - Targeted Capital Projects			
Description	This activity consists of constructing several targeted capital projects for controlling near channel sediment sources. The projects will be in either the Middle Sand Creek or the Picha Creek subwatersheds. Targeting will be based on areas identified in previous studies, and will be refined based on a Feasibility Study completed under the Technical/Engineering Assistance Activity 11.b. Construction of the projects is scheduled for the fall of 2016 and 2017 with the fall of 2018 held in reserve for construction. Staff lead for this activity and qualifications are presented in Work Plan Attachment 2. The schedule/gant chart for the project including this Activity is presented in Work Plan Attachment 1. Design will be completed by qualified professionals selected by competitive process. Design will also geomorphic principals in order to work with natural stream processes and maximize the life of the improvement. Contractor selection will follow approved County procurement processes. Either perpetual easements (including access agreements) will be obtained, temporary easements for the life of the improvement, or a contract will be entered into with the land owner for construction, maintenance and access for the life expectancy of the improvements estimated as 20 -25 years (subject to BWSR review and approval).		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Sep-16	**End Date**	30-Jun-18
Has Rates and Hours?	No		
Actual Results	December 31, 2015. As expected nothing was bid and no construction started for this activity. Construction is expected to be initiated fall of 2016. Efforts in support of this activity consisted of feasibility study and design described under the Technical/Engineering Assistance Activity 11.b. In 2017, construction wrapped up on three capital improvement projects, two along Sand Creek and the other on Porter Creek. There are still touch up items needed for 2018 related to vegetation establishment, but all the structural work was completed in 2017.		

Grant Activity - Targeted Riparian Projects			
Description	This activity consists of riparian vegetation improvements along Sand Creek and its tributaries at 8 to 10 targeted locations. The effort will be lead by Great River Greening under related efforts in Activity 10.a Project Development, and Activity 11.c Technical Engineering/Assistance.. Staff lead for this activity and qualifications are presented in Work Plan Attachment 2. The schedule/gant chart for the project including this Activity is presented in Work Plan Attachment 1. Land owners will be required to enter into a 15 year contract (Attachment 9). Specifications for riparian vegetation/buffers will be developed specifically for the project area considering NRCS/BWSR specifications, and may be tailored for individual sites. Land owners will be provided with O&M guidance, and completed plantings will be inspected at about 5 year increments.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	20-Feb-15	**End Date**	30-Sep-18
Has Rates and Hours?	No		
Actual Results	December 31, 2015. No applications have been received. Efforts in support of this activity consisted of process design as described under the Project Development Activity 10.a. December 31, 2017. Three applications have been approved over the last two years totaling 13 sites. Of the 13 sites, 12 were along Sand Creek with 10 of those sites at the Ridges at Sand Creek golf course. The last site was on Raven Stream just west of the City of New Prague.		

Activity Action - Riparian Buffers			
Practice	390 - Riparian Herbaceous Cover	**Count of Activities**	13
Description	Three site locations for a total of 13 sites		
Proposed Size / Units	2.20 AC	**Lifespan**	15 Years
Actual Size/Units	2.20 AC	**Installed Date**	19-May-17
Mapped Activities	13 Polygon(s)		

Final Indicator for Riparian Buffers			
Indicator Name	VOLUME REDUCED (ACRE-FEET/YEAR)	**Value**	0
Indicator Subcategory/Units	STORMWATER MANAGEMENT ACRE-FEET/YR	**Calculation Tool**	Unknown
Waterbody	Sand Creek and Raven Stream		

Grant Activity - Technical/Engineeering Assistance

Description	This task consists of multiple technical and engineering related efforts supporting various activities. A detailed budget and schedule for each effort under this task is provided in Work Plan Attachment 1. Staff lead for the various efforts under this activity and qualifications are presented in Work Plan Attachment 2. The various efforts include the following: Activity 11.a is the staffing at the three SWCDs to assist land owners with design, inspection and implementation of practices, and a 1/2 time FTE at Scott County to assist and coordinate. Prioritization and targeting for land owner contacts and practice promotion will follow the Prioritized, Targeted and Measureable Goals statement processes included as Attachment 3. Activity 11.b is the staffing and outside engineering necessary to manage and complete property owner contacts, feasibility assessment, design, bidding, and construction supervision for Activity 3: Targeted Capital Projects. Activity 11.c is the staffing necessary to complete the planting designs/pallets and coordination of implementation for Activity 5: Targeted Riparian Projects. Activity 11.d is the staffing and outside engineering expertise needed to complete the alum dosing study, bid documents, and construction supervision for Activity 6: In-Lake Phosphorus Reduction.

Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Mar-15	**End Date**	19-Mar-19
Has Rates and Hours?	Yes		
Actual Results	For earlier actual results report see "Targeted Watershed Grant Activity Results" in the attachments. For 2017 TACS projects totaled 18 applications representing 5 grade controls, 405 LF of shoreline protection, 300 LF of streambank stabilization, 473.5 acres of cover crops and 31.3 acres of native prairie. 12 riparian buffer projects completed. Three capital improvement project sites were largely completed in 2017. Design of a fourth site was suspended for a majority of 2017 due to access issues with a landowner. Late in 2017 design started back up for this site and should wrap up in the late spring or early summer of 2018. The three SWCDs continue to design practices for the TACS program utilizing their respective staff members. Great River Greening provided technical assistance and design for the 12 riparian buffer projects that were implemented in 2017.		

Grant Activity - Trcka Emil Cover Crops (Le Sueur Co) CP-16-203			
Description	Trcka Emil Cover Crops (Le Sueur Co) CP-16-203		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	1-Sep-16	**End Date**	31-Oct-18
Has Rates and Hours?	No		
Actual Results	This project consists of 50.5 acres of cover crops being installed over the course of three years.		

Activity Action - Cover Crops			
Practice	340 - Cover Crop	Count of Activities	1
Description	Fall aerial seeded plants that stay on the field until the following spring		
Proposed Size / Units	50.50 AC	Lifespan	3 Years
Actual Size/Units	50.50 AC	Installed Date	30-Sep-16
Mapped Activities	2 Polygon(s)		

Final Indicator for Cover Crops			
Indicator Name	SOIL (EST. SAVINGS)	Value	0
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Unknown
Waterbody	Rice Lake		

Grant Activity - Trcka Emil WASCBs and Terrace (LS Co) CP-15-135			
Description	Trcka Emil WASCBs and Terrace (LS Co) CP-15-135		
Category	AGRICULTURAL PRACTICES		
Start Date	24-Jun-15	End Date	31-Dec-16
Has Rates and Hours?	No		
Actual Results	Two Water and Sediment Control Basins and one Contour Terrace were constructed to prevent sediment and Phosphorus from entering Rice Lake that eventually leads to County Ditch 54 and Sand Creek that ultimately outlets in to the Minnesota River. Installation of the basins reduces sediment and Phosphorus from leaving the crop field as well as reducing the overland flow and sediment deposition from entering the adjacent watercourse.		

Activity Action - Project Installation			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description			
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	12-Sep-16
Mapped Activities	2 Point(s)		

Final Indicator for Project Installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	183.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek and Co Ditch 54		

Final Indicator for Project Installation			
Indicator Name	SOIL (EST. SAVINGS)	Value	159.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek and Co Ditch 54		
Final Indicator for Project Installation			
Indicator Name	SEDIMENT (TSS)	Value	159.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek and Co Ditch 54		

Activity Action - Project Installation			
Practice	600 - Terrace	Count of Activities	1
Description			
Proposed Size / Units	960.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	960.00 LINEAR FEET	Installed Date	12-Sep-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Project Installation			
Indicator Name	SEDIMENT (TSS)	Value	159.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek and County Ditch 54		
Final Indicator for Project Installation			
Indicator Name	SOIL (EST. SAVINGS)	Value	159.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek and County Ditch 54		
Final Indicator for Project Installation			
Indicator Name	PATHOGENS (E. COLI)	Value	183.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek and County Ditch 54		

Grant Activity - Vernon Wick Cover Crops CP-16-228			
Description			
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Cover Crops			
Practice	340 - Cover Crop	Count of Activities	7
Description			
Proposed Size / Units	100.00 AC	Lifespan	3 Years
Actual Size/Units	AC	Installed Date	
Mapped Activities	7 Polygon(s)		

Final Indicator for Cover Crops			
Indicator Name	SEDIMENT (TSS)	Value	0
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Unknown
Waterbody	Sand Creek		

Grant Activity - Weierke Robert Shoreline Protection CP-16-045			
Description	Weierke Robert Shoreline Protection CP-16-045		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	18-Apr-17	End Date	15-Jun-17
Has Rates and Hours?	No		
Actual Results	McMahon Lake shoreline stabilization project that was completed in 2017.		

Activity Action - Shoreline Protection			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	45.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	50.00 LINEAR FEET	Installed Date	5-Jun-17
Mapped Activities	1 Line(s)		

Final Indicator for Shoreline Protection			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	McMahon Lake		
Final Indicator for Shoreline Protection			
Indicator Name	SEDIMENT (TSS)	Value	1.8

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	McMahon Lake		

Grant Activity - Williams, Jim Cover Crops CP-17-003			
Description			
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date		**End Date**	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Cover Crops			
Practice	340 - Cover Crop	**Count of Activities**	1
Description			
Proposed Size / Units	100.00 AC	**Lifespan**	3 Years
Actual Size/Units	100.00 AC	**Installed Date**	
Mapped Activities	1 Polygon(s)		

Final Indicator for Cover Crops			
Indicator Name	SEDIMENT (TSS)	**Value**	0
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (SHEET AND RILL)
Waterbody	Sand Creek		

Grant Attachments

Document Name	Document Type	Description
2015 Docket adopted	Grant	2015 - Targeted Watershed (Scott County WMO)
2015 Targeted Watershed	Grant Agreement	2015 Targeted Watershed - Scott County WMO
2015 Targeted Watershed executed	Grant Agreement	2015 Targeted Watershed - Scott County WMO
20160201165920041.pdf	Grant	2015 - Targeted Watershed (Scott County WMO)
Activity Results	Grant	2015 - Targeted Watershed (Scott County WMO)
Agreement between SWMO and MAWRC	Grant	2015 - Targeted Watershed (Scott County WMO)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 07/20/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/11/2017

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2016
Attachment 1 Targeted Grant Work Plan	Grant	2015 - Targeted Watershed (Scott County WMO)
Attachment 10 OnM	Grant	2015 - Targeted Watershed (Scott County WMO)
Attachment 2: Work Plan - Staff	Grant	2015 - Targeted Watershed (Scott County WMO)
Attachment 3: Prioritized, Targeted and Measurable Goals	Grant	2015 - Targeted Watershed (Scott County WMO)
Attachment 4: Sand Creek Watershed Demonstration Program Grant Application	Grant	2015 - Targeted Watershed (Scott County WMO)
Attachment 5: Example Contract	Grant	2015 - Targeted Watershed (Scott County WMO)
Attachment 6: Example language of a drainage and utility easement	Grant	2015 - Targeted Watershed (Scott County WMO)
Attachment 7: Memorandum of Understanding	Grant	2015 - Targeted Watershed (Scott County WMO)
Attachment 8: Temporary Construction Easement Language	Grant	2015 - Targeted Watershed (Scott County WMO)
Attachment 9: Example TACS Contract	Grant	2015 - Targeted Watershed (Scott County WMO)
Financial Report	Progress	Progress Dated - 02/06/2018
Great River Greening Service Contract	Grant	2015 - Targeted Watershed (Scott County WMO)
Inter-Fluve Service Contract	Grant	2015 - Targeted Watershed (Scott County WMO)
Le Sueur SWCD Service Contract	Grant	2015 - Targeted Watershed (Scott County WMO)
Progress Report of 2nd half of 2017	Progress	Progress Dated - 02/06/2018
Q3 - 2016 TACS Project Tracking Spreadsheet	Grant	2015 - Targeted Watershed (Scott County WMO)
Rice SWCD Service Contract	Grant	2015 - Targeted Watershed (Scott County WMO)
Riparian Buffer Project Tracking	Grant	2015 - Targeted Watershed (Scott County WMO)
SCTG 2016 Financial Report	Grant	2015 - Targeted Watershed (Scott County WMO)
Sand Creek Feasibility Report	Grant	2015 - Targeted Watershed (Scott County WMO)
Sand Creek Near Channel Feasibility Report	Grant	2015 - Targeted Watershed (Scott County WMO)
Sand Creek Near Channel Phase 1 Bid Packet Attachment 1 of 5	Grant	2015 - Targeted Watershed (Scott County WMO)
Sand Creek Near Channel Phase 1 Bid Packet Attachment 2 of 5	Grant	2015 - Targeted Watershed (Scott County WMO)

Document Name	Document Type	Description
Sand Creek Near Channel Phase 1 Bid Packet Attachment 3 of 5	Grant	2015 - Targeted Watershed (Scott County WMO)
Sand Creek Near Channel Phase 1 Bid Packet Attachment 4 of 5	Grant	2015 - Targeted Watershed (Scott County WMO)
Sand Creek Near Channel Phase 1 Bid Packet Attachment 5 of 5	Grant	2015 - Targeted Watershed (Scott County WMO)
Sand Creek Near Channel Phase 1 Design Set Plans	Grant	2015 - Targeted Watershed (Scott County WMO)
Sand Creek Near Channel Phase 1 EOPC	Grant	2015 - Targeted Watershed (Scott County WMO)
TWG TACS Projects	Grant	2015 - Targeted Watershed (Scott County WMO)
Updated Work Plan	Grant	2015 - Targeted Watershed (Scott County WMO)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/26/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/14/2015