



Grant All-Detail Report SWCD Local Capacity Services 2018

Grant Title - 2018 - SWCD Local Capacity Services (Root River SWCD)

Grant ID - P18-0729

Organization - Root River SWCD

Original Awarded Amount	\$114,400.00	Grant Execution Date	9/26/2017
Required Match Amount	\$0.00	Original Grant End Date	12/31/2020
Required Match %	0%	Grant Day To Day Contact	Janice Messner
Current Awarded Amount	\$114,400.00	Current End Date	12/31/2020

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$114,400.00	\$114,400.00	\$0.00
Total Match Amount	\$14,400.00	\$14,400.00	\$0.00
Total Other Funds	\$625.68	\$625.68	\$0.00
Total	\$129,425.68	\$129,425.68	\$0.00

**Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.*

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2018 Administrative	Administration /Coordination	Current State Grant	2018 - SWCD Local Capacity Services (Root River SWCD)	\$13,000.00	\$13,000.00	6/22/2019	N
2018 Cover Crop Cost Share Assistance	Non-Structural Management Practices	Current State Grant	2018 - SWCD Local Capacity Services (Root River SWCD)	\$22,925.68	\$22,925.68	11/14/2019	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2018 Technical & Engineering	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Root River SWCD)	\$76,400.00	\$76,400.00	3/16/2019	N
Cost Share Cover Crop - Hoscheit, C.	Non-Structural Management Practices	Current State Grant	2018 - SWCD Local Capacity Services (Root River SWCD)	\$2,074.32	\$2,074.32	11/8/2018	N
Cost Share Cover Crop - Hoscheit, C.	Non-Structural Management Practices	Other Funds	2017 - State Cost-Share Fund (Root River SWCD)	\$625.68	\$625.68	11/8/2018	N
Soil Erosion - 2018 Cost Share Assistance	Agricultural Practices	Local Fund	County Appropriation	\$12,521.98	\$12,521.98	7/9/2020	Y
Streambank Restoration - 2018 Cost Share Assistance	Streambank or Shoreline Protection	Local Fund	County Appropriation	\$1,878.02	\$1,878.02	11/14/2019	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
410 - Grade Stabilization Structure	2	2	2 COUNT	2 COUNT
340 - Cover Crop	1	8	29 AC	29 AC
340 - Cover Crop	1	3	14.71 AC	14.71 AC
340 - Cover Crop	1	4	6 AC	6 AC
340 - Cover Crop	1	1	5.01977 AC	5.01977 AC
340 - Cover Crop	1	1	8.5 AC	8.5 AC
580 - Streambank and Shoreline Protection	1	1	205 LINEAR FEET	214 LINEAR FEET
340 - Cover Crop	1	1	21.5 AC	21.5 AC
340 - Cover Crop	1	5	20 AC	20 AC
340 - Cover Crop	6	15	30 AC	30 AC
410 - Grade Stabilization Structure	2	2	1 COUNT	1 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	454.35	TONS/YR
SOIL (EST. SAVINGS)	956.88	TONS/YR
PHOSPHORUS (EST. REDUCTION)	530.23	LBS/YR

Grant Activity

Grant Activity - 2018 Administrative

Description	<p>Houston County Water Plan and Root River One Watershed, One Plan.</p> <p>Funds may be spent by SWCD staff to complete the administration of the grant. This includes, but not limited to, admin for cost share and cover crop landowner contracts; completing the required e-Link reporting; perform required spot checks; supervision of staff; training/conferences (engineering, ecological science practices, other training of programs run through the district and administrative); coordinate activities associated with this grant, such as updating the SWCD Board on the progress of grant activities.</p> <p>Billing Rate Method 2 will be used.</p>		
Category	ADMINISTRATION/COORDINATION		
Start Date	26-Sep-17	End Date	22-Jun-19
Has Rates and Hours?	Yes		
Actual Results	<p>CY17 no funds were expended.</p> <p>CY18 6,111.23 was expended on training and project site inspections. Tech Jean 45.5 hrs @ 31.75=1,444.63; Tech Dan 31.5594 hrs @ 35.67=1,125.72; Asst Man Bob 56 hrs @ 49.88=2793.28; Dist Man Dave 14 hrs @ 53.40=747.60.</p> <p>CY18 2,438.91 was expended on admin (eLink/reporting) Admin Janice 59.5 hrs @ 40.99=2,438.91.</p> <p>CY19 4449.87 expended Admin Janice 18.3274 hrs @ 43.71=801.08 (cost share apps/producing site inspections). Trainings for Asst Man Bob 17.5 hr @ 55.50=971.25, Tech Jean 39 hrs @ 36.07=1406.73, Tech Dan 11 hrs @ 40.92 = 450.12 and Dist Man Dave 14 hrs @ 58.62 = 820.68.</p>		

Grant Activity - 2018 Cover Crop Cost Share Assistance

Description	Houston County Water Plan and the Root River One Watershed, One Plan.		
	Funds will be used to cost share on the installation of cover crops, within Houston County. Cost sharing will follow the Local Cost Share Policy and the Nonstructural Land Management Practices Implementation Plan that has been approved by the Area 7 Board Conservationist and the SWCD Board. A cap of 30 acres per landowner/operator is being imposed. Cost share payment will be set at \$30.00/acre.		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	26-Sep-17	End Date	14-Nov-19
Has Rates and Hours?	No		
Actual Results	CY17 no funds were expended. CY18 \$17,525.68 have been expended to date by eight landowners. Cover crops were planted on 194.72 acres. Two landowners were not able to get crops off in time to plant cover crop (60 acres). Funds available for allocation \$5,400.00. CY19 \$5,400.00 have been expended by two landowners. Cover crops were planted on 60 acres.		

Activity Action - Hoscheit, T.

Practice	340 - Cover Crop	Count of Activities	1
Description	Provide protection to the soil surface while increasing soil organic matter while improving soil health.		
Proposed Size / Units	30.00 AC	Lifespan	3 Years
Actual Size/Units	30.00 AC	Installed Date	8-Nov-18
Mapped Activities	3 Polygon(s)	Technical Assistance Provider	

Final Indicator for Hoscheit, T.

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6.44
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crooked Creek		

Final Indicator for Hoscheit, T.

Indicator Name	SEDIMENT (TSS)	Value	3.54
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crooked Creek		

Final Indicator for Hoscheit, T.

Indicator Name	SOIL (EST. SAVINGS)	Value	102
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crooked Creek		

Activity Action - Mc Cormick, K.			
Practice	340 - Cover Crop	Count of Activities	1
Description	Landowner would like to control sheet and rill erosion while increasing soil O M. Cover Crop (340) is an excellent practice to address his resource concerns.		
Proposed Size / Units	20.00 AC	Lifespan	3 Years
Actual Size/Units	20.00 AC	Installed Date	8-Nov-18
Mapped Activities	5 Polygon(s)	Technical Assistance Provider	

Final Indicator for Mc Cormick, K.

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crooked Creek		

Final Indicator for Mc Cormick, K.

Indicator Name	SEDIMENT (TSS)	Value	1.49
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crooked Creek		

Final Indicator for Mc Cormick, K.

Indicator Name	SOIL (EST. SAVINGS)	Value	3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crooked Creek		

Activity Action - Wiste, S.			
Practice	340 - Cover Crop	Count of Activities	1
Description	Six acres of oats has been planted at two bushel per acre as cover crop following corn silage harvest. This will provide ground cover to decrease soil erosion.		
Proposed Size / Units	6.00 AC	Lifespan	3 Years
Actual Size/Units	6.00 AC	Installed Date	11-Oct-18
Mapped Activities	4 Polygon(s)	Technical Assistance Provider	

Final Indicator for Wiste, S.

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	14.34
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	South Fork Root River		

Final Indicator for Wiste, S.

Indicator Name	SEDIMENT (TSS)	Value	8.51
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Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	South Fork Root River		
Final Indicator for Wiste, S.			
Indicator Name	SOIL (EST. SAVINGS)	Value	7.8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	South Fork Root River		

Activity Action - VonArx, B.			
Practice	340 - Cover Crop	Count of Activities	1
Description	Sheet & rill erosion present in soybean fields after harvest. Landowner would like to reduce this erosion by installing cover crops (340).		
Proposed Size / Units	29.00 AC	Lifespan	3 Years
Actual Size/Units	29.00 AC	Installed Date	8-Nov-18
Mapped Activities	8 Polygon(s)	Technical Assistance Provider	

Final Indicator for VonArx, B.			
Indicator Name	SEDIMENT (TSS)	Value	4.65
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Root River		

Final Indicator for VonArx, B.			
Indicator Name	SOIL (EST. SAVINGS)	Value	26.10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Root River		

Final Indicator for VonArx, B.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7.44
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Root River		

Activity Action - VonArx, R.			
Practice	340 - Cover Crop	Count of Activities	1
Description	Thirty acres of cereal rye was drilled on 9/16/18 as cover crop following the harvest of soybeans. The cover crop will provide ground cover to reduce erosion while providing a living root during non-crop times of the year. This in-turn will increase soil health through higher organic matter content.		
Proposed Size / Units	30.00 AC	Lifespan	3 Years
Actual Size/Units	30.00 AC	Installed Date	11-Oct-18
Mapped Activities	5 Polygon(s)	Technical Assistance Provider	

Final Indicator for VonArx, R.

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	41.03
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Root River		

Final Indicator for VonArx, R.

Indicator Name	SEDIMENT (TSS)	Value	28.92
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Root River		

Final Indicator for VonArx, R.

Indicator Name	SOIL (EST. SAVINGS)	Value	3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Root River		

Activity Action - Hoscheit, B. - O Site			
Practice	340 - Cover Crop	Count of Activities	1
Description	Provide ground cover after soybean harvest while improving soil health. This will reduce erosion while improving water absorption.		
Proposed Size / Units	8.50 AC	Lifespan	3 Years
Actual Size/Units	8.50 AC	Installed Date	8-Nov-18
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	

Final Indicator for Hoscheit, B. - O Site

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.29
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Duck Creek		

Final Indicator for Hoscheit, B. - O Site			
Indicator Name	SOIL (EST. SAVINGS)	Value	3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Duck Creek		
Final Indicator for Hoscheit, B. - O Site			
Indicator Name	SEDIMENT (TSS)	Value	0.74
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Duck Creek		

Activity Action - Hoscheit, B. - H Site			
Practice	340 - Cover Crop	Count of Activities	1
Description	Provide ground cover after soybean harvest while improving soil health. This will reduce erosion while improving water absorption.		
Proposed Size / Units	21.50 AC	Lifespan	3 Years
Actual Size/Units	21.50 AC	Installed Date	8-Nov-18
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	

Final Indicator for Hoscheit, B. - H Site			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	0.66
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Duck Creek		
Final Indicator for Hoscheit, B. - H Site			
Indicator Name	SEDIMENT (TSS)	Value	0.37
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Duck Creek		
Final Indicator for Hoscheit, B. - H Site			
Indicator Name	SOIL (EST. SAVINGS)	Value	1.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Duck Creek		

Activity Action - Allen, A.			
Practice	340 - Cover Crop	Count of Activities	1
Description	Provide cover during times when cash crops are not growing. Reduce erosion, break up compaction.		
Proposed Size / Units	30.00 AC	Lifespan	3 Years
Actual Size/Units	30.00 AC	Installed Date	13-Dec-18
Mapped Activities	4 Polygon(s)	Technical Assistance Provider	

Final Indicator for Allen, A.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8.7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Winnebago Creek		
Final Indicator for Allen, A.			
Indicator Name	SEDIMENT (TSS)	Value	5.95
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Winnebago Creek		
Final Indicator for Allen, A.			
Indicator Name	SOIL (EST. SAVINGS)	Value	15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Winnebago Creek		

Activity Action - Tosteson, B. - Brad Site			
Practice	340 - Cover Crop	Count of Activities	1
Description	Reduce erosion on HEL land with row crops by seeding cereal rye after harvest.		
Proposed Size / Units	14.71 AC	Lifespan	3 Years
Actual Size/Units	14.71 AC	Installed Date	13-Dec-18
Mapped Activities	3 Polygon(s)	Technical Assistance Provider	

Final Indicator for Tosteson, B. - Brad Site			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	43.18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Money Creek		
Final Indicator for Tosteson, B. - Brad Site			
Indicator Name	SEDIMENT (TSS)	Value	34.69
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Money Creek		

Final Indicator for Tosteson, B. - Brad Site			
Indicator Name	SOIL (EST. SAVINGS)	Value	84.0
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Money Creek		

Activity Action - Tostenson, B.			
Practice	340 - Cover Crop	Count of Activities	1
Description	Reduce erosion on HEL land grown with row crops by seeding cereal rye after harvest.		
Proposed Size / Units	5.02 AC	Lifespan	3 Years
Actual Size/Units	5.02 AC	Installed Date	13-Dec-18
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	

Final Indicator for Tostenson, B.			
Indicator Name	SEDIMENT (TSS)	Value	24.82
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Money Creek		

Final Indicator for Tostenson, B.			
Indicator Name	SOIL (EST. SAVINGS)	Value	35.0
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Money Creek		

Final Indicator for Tostenson, B.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	30.71
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Money Creek		

Activity Action - Schumacher, P.			
Practice	340 - Cover Crop	Count of Activities	1
Description	Reduce erosion and improve soil health.		
Proposed Size / Units	30.00 AC	Lifespan	3 Years
Actual Size/Units	30.00 AC	Installed Date	28-Oct-19
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	

Final Indicator for Schumacher, P.			
Indicator Name	SOIL (EST. SAVINGS)	Value	51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Root River		

Final Indicator for Schumacher, P.			
Indicator Name	SEDIMENT (TSS)	Value	65.56
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Root River		

Final Indicator for Schumacher, P.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	78.96
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Root River		

Activity Action - Felten, B.			
Practice	340 - Cover Crop	Count of Activities	1
Description	Reduce erosion, increase organic matter on corn silage ground.		
Proposed Size / Units	30.00 AC	Lifespan	3 Years
Actual Size/Units	30.00 AC	Installed Date	14-Nov-19
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	

Final Indicator for Felten, B.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	36.03
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crooked Creek		

Final Indicator for Felten, B.			
Indicator Name	SEDIMENT (TSS)	Value	24.03
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crooked Creek		

Final Indicator for Felten, B.			
Indicator Name	SOIL (EST. SAVINGS)	Value	21
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crooked Creek		

Grant Activity - 2018 Technical & Engineering

Description	Houston County Water Plan and the Root River One Watershed, One Plan.		
	This is a continuation of grant funding for SWCD staff time from the National Fish & Wildlife Foundation, which expired at the end of 2015, to work with landowners and provide technical assistance to reduce sediment and nutrient pollution in receiving waters, including the Mississippi River. Without the use of Capacity funds, this work would not get done.		
	Billing Rate Method 2 will be used.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	26-Sep-17	End Date	16-Mar-19
Has Rates and Hours?	Yes		
Actual Results	<p>CY17 no funds were expended.</p> <p>CY18 \$72,312.96 was expended. Mileage 1,793 @ .545 = \$977.19; 3,295 @ .295 = \$972.03; Tech Dan 531.8387 hrs @ 35.67 = \$18,970.69; Tech Jean 649.5 hrs @ 31.75 = \$20,621.63; Dist Man Dave 221.6742 hrs @ 53.40 = \$11,837.40; Asst Man Bob 379.5914 hrs @ 49.88 = \$18,934.02 Assisted 121 landowners. Also assisted with CRP spot checks, cover crop and technical project reviews, and cover crop spot checks. Funds available = \$4,087.04.</p> <p>CY19 \$4087.04 was expended. Tech Dan 23 hrs @40.92=941.16; Tech Jean 35 hrs @36.07=1262.45; Dist Man Dave 24.5553 @58.62 =1439.43; Asst Man Bob 8 hrs @55.50 =444.00. Provided service to 10 landowners ranging from I & E to design work on projects.</p>		

Grant Activity - Cost Share Cover Crop - Hoscheit, C.

Description	Hoscheit, C. - 30 acres of cover crops		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	12-Jul-18	End Date	08-Nov-18
Has Rates and Hours?	No		
Actual Results	Cereal Rye was planted after corn for silage. The cover crop will provide soil erosion protection and build soil organic matter as well as increase soil health.		

Activity Action - Hoscheit, C.			
Practice	340 - Cover Crop	Count of Activities	1
Description	Provide soil erosion protection after corn silage harvest while building soil organic matter and increasing soil health.		
Proposed Size / Units	30.00 AC	Lifespan	3 Years
Actual Size/Units	30.00 AC	Installed Date	8-Nov-18
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	

Final Indicator for Hoscheit, C.			
Indicator Name	SEDIMENT (TSS)	Value	22.09
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crooked Creek		
Final Indicator for Hoscheit, C.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	30.24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crooked Creek		
Final Indicator for Hoscheit, C.			
Indicator Name	SOIL (EST. SAVINGS)	Value	276
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Crooked Creek		

Grant Activity - Soil Erosion - 2018 Cost Share Assistance

Description	Houston County Water Plan and Root River One Watershed, One Plan.		
	Funds will be used to cost share on the installation of various BMPs in Houston County, consistent with the BWSR Cost Share Program Policy. BMPs will consist of but not limited to Grassed Waterways (412), Grade Stabilization Structures (410), Critical Area Plantings (342).		
Category	AGRICULTURAL PRACTICES		
Start Date	26-Sep-17	End Date	09-Jul-20
Has Rates and Hours?	No		
Actual Results	<p>CY18 no funds have been expended to date.</p> <p>CY19 \$4,737.11 was expended. A grade stab was fully funded, two grade stabs and a lined waterway were partially funded. Total Cost of lined waterway \$45,849.99 75% Cost Share = \$34,387.49. (FY18 State Cost Share \$16,720.80; FY18 Local Capacity County \$2,076.16; FY17 Local Capacity \$6,782.45; FY19 State Cost Share \$6,181.38; FY20 State Cost Share \$2,626.70). Remaining \$ has been encumbered.</p> <p>CY2020 - \$7,911.56 was expended. A grade stabilization project was partially funded with remainder of the project costs coming from FY18-FY19 Root River 1W1P grant in the amount of \$10,274.04</p>		

Activity Action - Hammell, E.			
Practice	410 - Grade Stabilization Structure	Count of Activities	2
Description	Active gullies are present. The landowner would like to control soil erosion and water pollution. A fitting BMP would be grade stabilization structures with a diversion. Total cost \$10,909.76 90% Cost Share = \$2,004.00 (FY18 Local Capacity County \$466.95 & FY19 State Cost Share \$1,537.05) and \$7,814.78 federal funds.		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	10-Oct-19
Mapped Activities	2 Point(s)	Technical Assistance Provider	

Final Indicator for Hammell, E.			
Indicator Name	SEDIMENT (TSS)	Value	73.24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lower Winnebago Creek		

Final Indicator for Hammell, E.			
Indicator Name	SOIL (EST. SAVINGS)	Value	146.47
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lower Winnebago Creek		
Final Indicator for Hammell, E.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	73.24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lower Winnebago Creek		

Activity Action - Heim-Welch, J.			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	Landowner has a large gully in pasture. She would like to control soil erosion and water pollution. A fitting BMP would be a grade stabilization structure.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	14-Nov-19
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Final Indicator for Heim-Welch, J.			
Indicator Name	SOIL (EST. SAVINGS)	Value	52.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Wildcat Creek		
Final Indicator for Heim-Welch, J.			
Indicator Name	SEDIMENT (TSS)	Value	26.27
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Wildcat Creek		
Final Indicator for Heim-Welch, J.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	26.27
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Wildcat Creek		

Activity Action - Van Gundy, J.			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	The objective of the landowner is to prevent up-slope gully head advancement by installing a grade stabilization structure. (Remainder of project funds under FY18-FY19 RCPP 1W1P grant = \$10,274.04)		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	9-Jul-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Van Gundy, J.			
Indicator Name	SOIL (EST. SAVINGS)	Value	75.083
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River		
Final Indicator for Van Gundy, J.			
Indicator Name	SEDIMENT (TSS)	Value	75.083
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River		
Final Indicator for Van Gundy, J.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	75.083
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Root River		

Grant Activity - Streambank Restoration - 2018 Cost Share Assistance

Description	Houston County Water Plan and Root River One Watershed, One Plan.		
	Funds will be used to cost share on the installation of Streambank and Shoreline Restoration BMPs in Houston County, consistent with the BWSR Cost Share Program Policy. BMPs will consist of but not limited to Streambank and Shoreline Restoration (580).		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	26-Sep-17	End Date	14-Nov-19
Has Rates and Hours?	No		
Actual Results	CY19: \$1,878.02 was expended on one project.		

Activity Action - Meier, G.			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	the landowner would like to protect a severely eroded streambank. A fitting BMP would be streambank and shoreline protection. Total Eligible Costs: \$10,552.00 90% cost share Federal funds \$7,618.78. State cost share \$1,878.02.		
Proposed Size / Units	205.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	214.00 LINEAR FEET	Installed Date	10-Oct-19
Mapped Activities	1 Line(s)	Technical Assistance Provider	

Final Indicator for Meier, G.			
Indicator Name	SOIL (EST. SAVINGS)	Value	54.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Crooked Creek		

Final Indicator for Meier, G.			
Indicator Name	SEDIMENT (TSS)	Value	54.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Crooked Creek		

Final Indicator for Meier, G.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	54.4

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Crooked Creek		

Grant Attachments

Document Name	Document Type	Description
2018 SWCD Capacity Amendment EXECUTED- Root River SWCD	Grant	2018 - SWCD Local Capacity Services (Root River SWCD)
2018 SWCD Capacity Amendment UNEXECUTED - Root River SWCD	Grant	2018 - SWCD Local Capacity Services (Root River SWCD)
2018/2019 Programs and Operations Grants	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Root River SWCD
2018/2019 Programs and Operations Grants executed	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - Root River SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/14/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/25/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/27/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/07/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/08/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/08/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/08/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/08/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/22/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/29/2017
FY18 Local Capacity Financial Report	Grant	2018 - SWCD Local Capacity Services (Root River SWCD)
FY18 Local Capacity Match - County Board Motion	Grant	2018 - SWCD Local Capacity Services (Root River SWCD)
Local Capacity 2018 Grant Reconciliation Financial Report	Grant	2018 - SWCD Local Capacity Services (Root River SWCD)
NLMP Implementation Plan Request Form	Grant	2018 - SWCD Local Capacity Services (Root River SWCD)
P18-0729 Reconciliation B Checklist	Journal	Journal Dated - 12/18/2018

Document Name	Document Type	Description
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/26/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 08/31/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/18/2019
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/09/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/08/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/21/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 07/16/2018