Grant All-Detail Report
Projects and Practices 2015

Grant Title - South Branch Wild Rice Sediment Reduction Project
Grant ID - C15-5748
Organization - Becker SWCD

Grant Awarded Amount	**$257,000.00**	**Grant Execution Date**	**3/23/2015**
Required Match Amount	$64,250.00	**Grant End Date**	12/31/2018
Required Match %	25%	**Grant Day To Day Contact**	Peter Mead

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	$257,000.00	$128,472.88	$128,527.12
Total Match Amount	$153,090.00	$83,522.81	$69,567.19
Total Other Funds	$0.00	$0.00	$0.00
Total	**$410,090.00**	**$211,995.69**	**$198,094.31**

**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	Match
Erosion control structures	Agricultural Practices	Current State Grant	South Branch Wild Rice Sediment Reduction Project	$101,700.00	$68,464.79	11/19/2015	N
Erosion control structures	Agricultural Practices	Federal Funds	EQIP	$102,800.00	$53,345.00	11/1/2015	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
Erosion control structures	Agricultural Practices	Landowner Fund	Landowner Contributions	$10,170.00	$13,534.00	11/19/2015	Y
Erosion control structures	Agricultural Practices	Local Fund	Wild Rice Watershed District	$25,000.00			Y
Filter Strip Establishment	Agricultural Practices	Current State Grant	South Branch Wild Rice Sediment Reduction Project	$67,000.00	$32,553.94	7/22/2016	N
Filter Strip Establishment	Agricultural Practices	Federal Funds	CRP / EQIP	$15,120.00	$16,643.81	7/22/2016	Y
Grant Administration	Administration /Coordination	Current State Grant	South Branch Wild Rice Sediment Reduction Project	$12,850.00	$1,759.83	12/31/2016	N
Project Development	Project Development	Current State Grant	South Branch Wild Rice Sediment Reduction Project	$25,450.00	$6,710.68	11/30/2016	N
Technical Assistance	Technical/Engineering Assistance	Current State Grant	South Branch Wild Rice Sediment Reduction Project	$50,000.00	$18,983.64	12/31/2016	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
393 - Filter Strip	1	5	16.09 AC	16.09 AC
393 - Filter Strip	1	1	3.95 AC	3.9 AC
638 - Water and Sediment Control Basin	0	0	1 AC	0 AC
638 - Water and Sediment Control Basin	4	4	1 COUNT	1 COUNT
393 - Filter Strip	1	1	7.4 AC	7.4 AC
410 - Grade Stabilization Structure	1	1	1 COUNT	1 COUNT

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
393 - Filter Strip	1	1	1.2 AC	1.2 AC

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
Filter Strip Establishment	PHOSPHORUS (EST. REDUCTION)	186 LBS/YR	South Branch Wild Rice River	Other	WQDSA Combined with RUSLE2 and BWSR Reduction Est
Erosion control structures	PHOSPHORUS (EST. REDUCTION)	479 LBS/YR	South Branch Wild Rice River	Other	WQDSA Combined with RUSLE2 and BWSR Reduction Est
Filter Strip Establishment	SOIL (EST. SAVINGS)	391 TONS/YR	South Branch Wild Rice River	Other	WQDSA Combined with RUSLE2 and BWSR Reduction Est
Erosion control structures	SEDIMENT (TSS)	1157 TONS/YR	South Branch Wild Rice River	Other	WQDSA Combined with RUSLE2 and BWSR Reduction Est

Final Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	430.14	TONS/YR
PHOSPHORUS (EST. REDUCTION)	508.70	LBS/YR
SOIL (EST. SAVINGS)	212.90	TONS/YR

Grant Activity

Grant Activity - Erosion control structures			
Description	Utilizing WQDSA data and field reconnaissance, Becker SWCD will work with local NRCS staff as well as Wild RIce Watershed District to implement 40 water and sediment control basins and/or grade stabilization structures in prioritized areas that demonstrate the greatest benefit to public waters. NRCS will provide a minimum of 102,800 in funding assistance via the EQIP program. Wild Rice Watershed District will provide 25,000 in funding assistance directly to landowners participating in the implementation of the BMPS targeted in the project area, and landowners will supply a minimum of 10,170. Cost-sharing assistance for these structural practices will be structured as follows: For Producers or Landowners implementing all recommended practices, all fund sources will be combined to provide 90% of estimated project costs. Those implementing a majority of prescribed practices shall be eligible for up to 75% cost-sharing provided they are meeting tolerable soil loss for the field and can demonstrate a contribution to the overall pollution reduction goals for the project area. All practices will be designed and implemented according to the standards set forth in the USDA-NRCS EFOTG.		
Category	AGRICULTURAL PRACTICES		
Start Date	25-Mar-15	**End Date**	
Has Rates and Hours?	No		
Actual Results	installed K.Faus grade stabilization and T.Bergren water & sediment control basin		

Activity Action - CWL-2-WR Keith Faus			
Practice	410 - Grade Stabilization Structure	**Count of Activities**	1
Description	Grade Stabilization Structure installed on tributary to S.Branch Wild Rice River		
Proposed Size / Units	1.00 COUNT	**Lifespan**	15 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	16-Nov-15
Mapped Activities	1 Point(s)		

Final Indicator for CWL-2-WR Keith Faus			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	98.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	S. Branch Wild Rice River		

Final Indicator for CWL-2-WR Keith Faus			
Indicator Name	SEDIMENT (TSS)	**Value**	85.68
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	S. Branch Wild Rice River		

Final Indicator for CWL-2-WR Keith Faus			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	85.68
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	S. Branch Wild Rice River		

Activity Action - CWL-5-WR Tom Bergren			
Practice	638 - Water and Sediment Control Basin	**Count of Activities**	4
Description	4 WASCOBs installed on S. Branch Wild Rice River		
Proposed Size / Units	1.00 COUNT	**Lifespan**	15 Years
Actual Size/Units	1.00 COUNT	**Installed Date**	19-Nov-15
Mapped Activities	4 Point(s)		

Final Indicator for CWL-5-WR Tom Bergren			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	59.65
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	S. Branch Wild Rice River		

Final Indicator for CWL-5-WR Tom Bergren			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	51.87
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	S. Branch Wild Rive River		

Final Indicator for CWL-5-WR Tom Bergren			
Indicator Name	SEDIMENT (TSS)	**Value**	51.87
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (GULLY STABILIZATION)
Waterbody	S. Branch Wild Rice River		

Activity Action - Fill In			
Practice	638 - Water and Sediment Control Basin	**Count of Activities**	0
Description			
Proposed Size / Units	1.00 AC	**Lifespan**	15 Years
Actual Size/Units	AC	**Installed Date**	
Mapped Activities	No		

Grant Activity - Filter Strip Establishment			
Description	Utilizing WQDSA data and field reconnaissance, Becker SWCD will target prioritized areas demonstrating the greatest benefit to public waters and implement a minimum of 80 acres of perennial vegetative buffers, filter strips or waterways. Two options will be available to landowners/producers: 1) CRP/CWL Buffer Incentive Program: With a minimum 10 year commitment, the NRCS and FSA will provide an average rental rate of $129.00/acre on newly enrolled perennial buffers, filter strips and grassed waterways via the CRP and/or EQIP programs. Becker SWCD will provide the additional necessary incentive from grant funds to provide a total of$200.00/acre/yr (from all fund sources) for the implementation and maintenance of these vegetative practices. Thisincentive will be provided as a lump sum once establishment has been verified in the field. Incentives provided with CWL funds will not exceed $150.00 an acre, and 3 years of payments on federal contracts will be considered as federal project match. CWL Working Lands Buffer Incentive Program: With a 10 year commitment producers/landowners not interested in or eligible for federal programs will be eligible for a $60/acre/yr incentive for the establishment and maintenance of perennial buffers, filter strips or grassed waterways. This option will allow restricted, delayed haying for management, allowing one cutting after the primary nesting season at a minimum 4” cutting height, and require a minimum stubble height of 8” going into winter. Buffers will be inspected by SWCD staff years 1,3,5 and 9.		
Category	AGRICULTURAL PRACTICES		
Start Date	25-Mar-15	**End Date**	
Has Rates and Hours?	No		
Actual Results	installed filter strips to the properties of D.Syverson and R.Faus		

Activity Action - CWL-1-WR Dean Syverson			
Practice	393 - Filter Strip	Count of Activities	1
Description	buffer strips established on South Branch Wild Rice River		
Proposed Size / Units	16.09 AC	Lifespan	15 Years
Actual Size/Units	16.09 AC	Installed Date	27-Aug-15
Mapped Activities	5 Polygon(s)		

Final Indicator for CWL-1-WR Dean Syverson			
Indicator Name	SOIL (EST. SAVINGS)	Value	35.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	S. branch Wild Rice River		

Final Indicator for CWL-1-WR Dean Syverson			
Indicator Name	SEDIMENT (TSS)	Value	133.24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	S. branch Wild Rice River		

Final Indicator for CWL-1-WR Dean Syverson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	146.39
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	S. branch Wild Rice River		

Activity Action - CWL-3-WR Ronald Safar			
Practice	393 - Filter Strip	Count of Activities	1
Description	Filter strip installed on Spring Creek, a tributary to S. Branch Wild Rice River		
Proposed Size / Units	1.20 AC	Lifespan	10 Years
Actual Size/Units	1.20 AC	Installed Date	15-Nov-15
Mapped Activities	1 Polygon(s)		

Final Indicator for CWL-3-WR Ronald Safar			
Indicator Name	SEDIMENT (TSS)	Value	27.58
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	S.Branch Wild Rice River		

Final Indicator for CWL-3-WR Ronald Safar			
Indicator Name	SOIL (EST. SAVINGS)	Value	4.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	S..Branch Wild Rice River		

Final Indicator for CWL-3-WR Ronald Safar			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	33.86
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	S.Branch Wild Rice River		

Activity Action - CWL-4-WR Richard Faus			
Practice	393 - Filter Strip	Count of Activities	1
Description	filter strip installed on tributary to S. Branch Wild Rice River		
Proposed Size / Units	3.95 AC	Lifespan	10 Years
Actual Size/Units	3.90 AC	Installed Date	19-Nov-15
Mapped Activities	1 Polygon(s)		

Final Indicator for CWL-4-WR Richard Faus			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	65.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	S. branch Wild Rice River		

Final Indicator for CWL-4-WR Richard Faus			
Indicator Name	SOIL (EST. SAVINGS)	Value	10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	S. branch Wild Rice River		

Final Indicator for CWL-4-WR Richard Faus			
Indicator Name	SEDIMENT (TSS)	Value	50.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	S. branch Wild Rice River		

Activity Action - CWL-6-WR Tom Bergren			
Practice	393 - Filter Strip	Count of Activities	1
Description	Filter Strip on S. Branch Wild Rice River		
Proposed Size / Units	7.40 AC	Lifespan	15 Years
Actual Size/Units	7.40 AC	Installed Date	22-May-16
Mapped Activities	1 Polygon(s)		

Final Indicator for CWL-6-WR Tom Bergren			
Indicator Name	SEDIMENT (TSS)	Value	81.72
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Trib. to S. Branch W.R		

Final Indicator for CWL-6-WR Tom Bergren			
Indicator Name	SOIL (EST. SAVINGS)	**Value**	25.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	Trib to S Branch W.R.		
Final Indicator for CWL-6-WR Tom Bergren			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	**Value**	105.22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	**Calculation Tool**	BWSR CALC (FILTER STRIP)
Waterbody	Trib to S Branch W.R.		

Grant Activity - Grant Administration			
Description	District Administrator and Administrative Assistant will administer Project funds, coordinate activities, prepare contracts,track match and expenditures, complete vouchers and payments, assure that all appropriate FY 15 BWSR Clean Water Fund Policies are followed and fulfill reporting requirements in Elink.		
Category	ADMINISTRATION/COORDINATION		
Start Date	23-Mar-15	**End Date**	
Has Rates and Hours?	Yes		
Actual Results	admin duties pertaining to the grant were completed including voucher payments, time tracking and eLINK reporting		

Grant Activity - Project Development			
Description	Becker SWCD staff will conduct Targeted Mailings, meet with individual landowners, host 2 Cafe Meeting Forums, provide printed & multi-media materials, hold 3 mufti-agency Planning sessions with WD, DNR, and NRCS. Project development funds will also be used to conduct cursory field investigations and for SWCD and TSA staff to evaluate project feasibility, draft conceptual plans and provide preliminary cost estimates prior to developing program contracts.		
Category	PROJECT DEVELOPMENT		
Start Date	23-Mar-15	**End Date**	
Has Rates and Hours?	Yes		
Actual Results	completed one landowner informative meeting; 2 multi-agency planning sessions; and a multitude of materials and mailings. Staff developed design plans and costs estimates		

Grant Activity - Technical Assistance			
Description	Becker SWCD's District Technician and Engineering Technician and qualified NRCS field office staff will perform site assessments and soil investigations, assist landowners with developing conservation plans and practice designs, coordinate contractors, survey and stake planned practices, supervise construction and complete as-built designs for 45 water and sediment control basins and a minimum of 40 acres of filter strips, buffers and/or grassed waterways. Qualified staff will develop Operation and Maintenance plans for each practice implemented. For practices where in-house TAA is insufficient or when workload warrants the SWCD will utilize TSA 1's Non-Point Engineering Assistance staff for practice design and construction supervision. For filter strips/buffers/waterways implemented under the CWL Working Lands Buffer Incentive Program, the SWCD will be provided an up-front payment of $200.00 per contract in exchange for conducting inspections years 1, 3,5 and 9.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	23-Mar-15	**End Date**	
Has Rates and Hours?	Yes		
Actual Results	technical staff assisted with design practices and install and coordinated with project contractors. As-built designs were completed and operation/maintenance plans were established		

Grant Attachments

Document Name	Document Type	Description
2015 Competitive Grant	Grant Agreement	2015 Competitive Grant - Becker SWCD
2015 Competitive Grant executed	Grant Agreement	2015 Competitive Grant - Becker SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/25/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/25/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2016
Application	Workflow Generated	Workflow Generated - Application - 09/26/2014
Expense Log	Progress	Progress Dated - 01/20/2017
Sed Reduction Project Map	Grant	South Branch Wild Rice Sediment Reduction Project
South Branch Wild Rice exp log for 2015	Grant	South Branch Wild Rice Sediment Reduction Project
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/02/2015

Document Name	Document Type	Description
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/19/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/28/2015
Workplan Approval	Grant	South Branch Wild Rice Sediment Reduction Project
grantmap_12845_2014-09-26_01-47-48-PM.jpg	Grant	South Branch Wild Rice Sediment Reduction Project