



## Grant All-Detail Report Cost Share 2016

**Grant Title** - 2016 - State Cost-Share Fund (Blue Earth County SWCD)

**Grant ID** - P16-2516

**Organization** - Blue Earth County SWCD

Original Awarded Amount	<b>\$17,309.00</b>	Grant Execution Date	<b>8/6/2015</b>
Required Match Amount	\$4,327.25	Original Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Jerad Bach
Current Awarded Amount	\$17,309.00	Current End Date	12/31/2018

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$17,309.00	\$17,309.00	\$0.00
Total Match Amount	\$4,755.00	\$4,755.00	\$0.00
Total Other Funds	\$9,318.00	\$9,318.00	\$0.00
<b>Total</b>	<b>\$31,382.00</b>	<b>\$31,382.00</b>	<b>\$0.00</b>

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

### Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
1FY16 Jim Krahling	Conservation Drainage	Current State Grant	2016 - State Cost-Share Fund (Blue Earth County SWCD)	\$1,875.00	\$1,875.00	8/15/2017	N
1FY16 Jim Krahling	Conservation Drainage	Landowner Fund	2016 Landowner Match	\$645.00	\$645.00	8/15/2017	Y
2016 State Cost Share Technical Assistance	Technical/Engineering Assistance	Current State Grant	2016 - State Cost-Share Fund (Blue Earth County SWCD)	\$3,101.00	\$3,101.00	8/3/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2FY16 Ken Lentz	Agricultural Practices	Current State Grant	2016 - State Cost-Share Fund (Blue Earth County SWCD)	\$12,333.00	\$12,333.00	5/24/2017	N
2FY16 Ken Lentz	Agricultural Practices	Landowner Fund	2016 Landowner Match	\$4,110.00	\$4,110.00	5/24/2017	Y
2FY16 Ken Lentz	Agricultural Practices	Other Funds	2017 - State Cost-Share Fund (Blue Earth County SWCD)	\$6,987.00	\$6,987.00	5/24/2017	N
2FY16 Ken Lentz	Agricultural Practices	Other Funds	2017 Landowner Match	\$2,331.00	\$2,331.00	5/24/2017	Y

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	1	1	750 LINEAR FEET	750 LINEAR FEET
172M - Alternative Tile Intake - Gravel Inlet	3	3	3 COUNT	3 COUNT
638 - Water and Sediment Control Basin	1	1	13.9 AC	13.9 AC

### 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)	75.77	TONS/YR
SOIL (EST. SAVINGS)	145.56	TONS/YR
PHOSPHORUS (EST. REDUCTION)	68.49	LBS/YR

## Grant Activity

Grant Activity - 1FY16 Jim Krahlung			
Description	3 open tile intakes in field are problem areas where sediments and nutrients are washing in. This project will convert these 3 open tile intakes into rock tile inlets to filter out sediments and nutrients.		
Category	CONSERVATION DRAINAGE		
Start Date	9-Mar-17	End Date	15-Aug-17
Has Rates and Hours?	No		
Actual Results	3 open tile inlets were converted into 3 rock tile inlets. Project was installed according to practice standards.		

Activity Action - 1FY16 Jim Krahlung			
Practice	172M - Alternative Tile Intake - Gravel Inlet	Count of Activities	3
Description	3 open tile inlets were converted into 3 rock tile inlets. Project was installed according to practice standards.		
Proposed Size / Units	3.00 COUNT	Lifespan	10 Years
Actual Size/Units	3.00 COUNT	Installed Date	15-Aug-17
Mapped Activities	3 Point(s)		

Final Indicator for 1FY16 Jim Krahlung			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Literature Value
Waterbody	Middle Minnesota		
Final Indicator for 1FY16 Jim Krahlung			
Indicator Name	SEDIMENT (TSS)	Value	3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Middle Minnesota		

**Grant Activity - 2016 State Cost Share Technical Assistance**

<b>Description</b>	<p>SWCD staff will help coordinate the projects from landowner interest to project completion. This includes landowner contacts, dealing with project designers, contractors, initial project visits, project surveys, designs, construction oversight, and grant reporting.</p> <p>The SWCD will involve the South Central TSA and Private Consultants as needed to complete conservation projects.</p>		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	13-Aug-15	<b>End Date</b>	03-Aug-17
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	<p>Staff hours billed</p> <p>10/1/16 – 12/31/16</p> <p>John Billings – 3 hours @ \$39.36 = \$118.08</p> <p>1/1/17 – 3/31/17</p> <p>Jerad 8.5 hours @ \$47.90 = \$407.15</p> <p>John 2.0 hours @ \$44.93 = \$89.86</p> <p>Marta 6.0 hours @ \$28.35 = \$170.10</p> <p>4/1/17 – 6/30/17</p> <p>Jerad 5.5 hours @ \$47.90 = \$263.45</p> <p>John 11.0 hours @ \$44.93 = \$494.23</p> <p>Marta 1.5 hours @ \$28.35 = \$42.53</p> <p>8/3/17</p> <p>Bill from SCTSA for staff time = \$1,515.60</p>		

Grant Activity - 2FY16 Ken Lentz			
Description	Large gully forming in crop field. Will need a possible WASCOB and or Waterway to treat the soil erosion problem.		
Category	AGRICULTURAL PRACTICES		
Start Date	9-Mar-17	End Date	24-May-17
Has Rates and Hours?	No		
Actual Results	A 600' long WASCOB was installed and a 750' long Grassed Waterway to treat the gully erosion.  The Waterway treated 6.5 acres and the WASCOB treated 13.9 acres.		

Activity Action - 2FY16 Ken Lentz			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	A 750' long Grassed Waterway to treat the gully erosion was installed.  The Waterway treated a 6.5 acres watershed.		
Proposed Size / Units	750.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	750.00 LINEAR FEET	Installed Date	24-May-17
Mapped Activities	1 Polygon(s)		

Final Indicator for 2FY16 Ken Lentz			
Indicator Name	SOIL (EST. SAVINGS)	Value	97.17
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Blue Earth		

Final Indicator for 2FY16 Ken Lentz			
Indicator Name	SEDIMENT (TSS)	Value	48.58
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Blue Earth		

Final Indicator for 2FY16 Ken Lentz			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	41.30
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Blue Earth		

Activity Action - 2FY16 Ken Lentz			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	A 600' long WASCOB was installed to treat the gully erosion.  The WASCOB treated 13.9 acres of the field.		
Proposed Size / Units	13.90 AC	Lifespan	10 Years
Actual Size/Units	13.90 AC	Installed Date	24-May-17
Mapped Activities	1 Point(s)		

Final Indicator for 2FY16 Ken Lentz			
Indicator Name	SEDIMENT (TSS)	Value	24.19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Blue Earth		
Final Indicator for 2FY16 Ken Lentz			
Indicator Name	SOIL (EST. SAVINGS)	Value	48.39
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Blue Earth		
Final Indicator for 2FY16 Ken Lentz			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	24.19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Blue Earth		

## Grant Attachments

Document Name	Document Type	Description
<b>2016 SWCD Programs and Operations Grant</b>	Grant Agreement	2016 SWCD Programs and Operations Grants - Blue Earth County SWCD
<b>2016 SWCD Programs and Operations Grant executed</b>	Grant Agreement	2016 SWCD Programs and Operations Grants - Blue Earth County SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 09/28/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/04/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/22/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/26/2017

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 09/15/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 09/28/2017
FY16 State Cost Share Financial Report	Progress	Progress Dated - 09/15/2017