



Grant All-Detail Report Cost Share 2015

Grant Title - 2015 - State Cost-Share Fund (Blue Earth County SWCD)

Grant ID - P15-6888

Organization - Blue Earth County SWCD

Grant Awarded Amount	\$17,309.00	Grant Execution Date	
Required Match Amount	\$4,327.25	Grant End Date	12/31/2016
Required Match %	25%	Grant Day To Day Contact	Jerad Bach

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$17,309.00	\$17,309.00	\$0.00
Total Match Amount	\$9,606.24	\$9,606.24	\$0.00
Total Other Funds	\$9,290.00	\$9,290.00	\$0.00
Total	\$36,205.24	\$36,205.24	\$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	Match
2015 State Cost Share Technical Assistance	Technical/Engineering Assistance	Current State Grant	2015 - State Cost-Share Fund (Blue Earth County SWCD)	\$3,461.00	\$3,461.00	12/28/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
2FY14 Robert Nienow	Agricultural Practices	Current State Grant	2015 - State Cost-Share Fund (Blue Earth County SWCD)	\$4,359.00	\$4,359.00	2/5/2015	N
2FY14 Robert Nienow	Agricultural Practices	Landowner Fund	2015 Landowner Match	\$1,636.24	\$1,636.24	2/5/2015	Y
2FY14 Robert Nienow	Agricultural Practices	Other Funds	2014 - State Cost-Share Fund (Blue Earth County SWCD)	\$2,178.00	\$2,178.00	2/5/2015	N
2FY14 Robert Nienow	Agricultural Practices	Other Funds	2014 Landowner Match	\$544.00	\$544.00	2/5/2015	Y
3FY14 Madison Lake Watershed & Lake Association	Urban Stormwater Management Practices	Current State Grant	2015 - State Cost-Share Fund (Blue Earth County SWCD)	\$9,489.00	\$9,489.00	8/31/2016	N
3FY14 Madison Lake Watershed & Lake Association	Urban Stormwater Management Practices	Landowner Fund	2015 Landowner Match	\$7,970.00	\$7,970.00	8/31/2016	Y
3FY14 Madison Lake Watershed & Lake Association	Urban Stormwater Management Practices	Other Funds	2014 - State Cost-Share Fund (Blue Earth County SWCD)	\$3,570.00	\$3,570.00	8/31/2016	N
3FY14 Madison Lake Watershed & Lake Association	Urban Stormwater Management Practices	Other Funds	2014 Landowner Match	\$2,998.00	\$2,998.00	8/31/2016	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	1	2	5.5 AC	5.5 AC

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
155M - Storm Water Retention Basins	1	2	0.1 AC	0.1 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)	21.20	TONS/YR
PHOSPHORUS (EST. REDUCTION)	23.58	LBS/YR
SOIL (EST. SAVINGS)	19.08	TONS/YR

Grant Activity

Grant Activity - 2015 State Cost Share Technical Assistance

Description	<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 site visits, project surveys, designs, construction oversight, and grant reporting.</p> <p>The SWCD will involve SC TSA and Private Consultants as needed to complete the conservation projects.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	20-Aug-14	End Date	28-Dec-16
Has Rates and Hours?	No		
Actual Results	<p>SWCD staff helped coordinate the projects from landowner interest to project completion. This included landowner contacts, dealing with project designers, and contractors.</p> <p>2015 Jerad Bach - 7 hours @ \$39.20/hour with a cap of \$272.25</p> <p>2016 SWCD Staff worked on the Madison Lake Stormwater Runoff Control Project for survey, design, and construction. Project oversight and sign off came from Private Engineer Curtiss Kloss P.E. No. 14031</p> <p>Jerad Bach – 5 hours @ \$47.99/hour = \$239.95 Tina Warta – 72 hours @ \$29.98/hour = \$2,158.56 capped at \$2,132.05</p> <p>Project designs and construction inspections were completed for the Nienow project by the South Central Technical Service Area Engineer and Technician. Please note hourly billing rates changed in July 2014.</p> <p>Engineering Technician - 6 hours @ \$28.56/hour = \$171.36</p> <p>July 2014 Engineer - 5.5 hours @ \$37.26/hour = \$204.93 Engineering Technician - 15 hours @ \$29.37/hour with a cap of \$440.46</p> <p>Total money billed to the grant per above is \$3,461.00</p>		

Grant Activity - 2FY14 Robert Nienow			
Description	A concentrated area of erosion is occurring in a farm field. A possible Water & Sediment Control Basin or similar practice will be needed to address the problem.		
Category	AGRICULTURAL PRACTICES		
Start Date	9-Oct-14	End Date	05-Feb-15
Has Rates and Hours?	No		
Actual Results	A Water & Sediment Control Basin was surveyed, designed, and installed. This project treats a 5.5 acre watershed.		

Activity Action - 2FY14 Robert Nienow			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	A Water & Sediment Control Basin was surveyed, designed, and installed. This project treats a 5.5 acre watershed.		
Proposed Size / Units	5.50 AC	Lifespan	10 Years
Actual Size/Units	5.50 AC	Installed Date	5-Feb-15
Mapped Activities	2 Point(s)		

Final Indicator for 2FY14 Robert Nienow			
Indicator Name	SEDIMENT (TSS)	Value	19.08
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Cobb River		

Final Indicator for 2FY14 Robert Nienow			
Indicator Name	SOIL (EST. SAVINGS)	Value	19.08
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Cobb River		

Final Indicator for 2FY14 Robert Nienow			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	21.94
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Cobb River		

Grant Activity - 3FY14 Madison Lake Watershed & Lake Association

Description	A stormwater pipe is discharging stormwater from the City of Madison Lake directly into Madison Lake. This areas is known to be delivering pollution to the lake and a treatment basin of some type will be installed to help filter the runoff before it enters directly into the lake.		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	9-Jun-16	End Date	31-Aug-16
Has Rates and Hours?	No		
Actual Results	A bioretention basin/rain garden was installed. This project is hooked up to the stormwater system for the City of Madison Lake and treats a 40 acre area (when water flow is ideal) before it enters into Madison Lake.		

Activity Action - 3FY14 Madison Lake Watershed & Lake Association

Practice	155M - Storm Water Retention Basins	Count of Activities	1
Description	A bioretention basin/rain garden was installed. This project is hooked up to the stormwater system for the City of Madison Lake and treats a 40 acre area (when water flow is ideal) before it enters into Madison Lake.		
Proposed Size / Units	0.10 AC	Lifespan	10 Years
Actual Size/Units	0.10 AC	Installed Date	31-Aug-16
Mapped Activities	2 Point(s)		

Final Indicator for 3FY14 Madison Lake Watershed & Lake Association

Indicator Name	SEDIMENT (TSS)	Value	2.12
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	MIDS
Waterbody	Madison Lake		

Final Indicator for 3FY14 Madison Lake Watershed & Lake Association

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.64
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MIDS
Waterbody	Madison Lake		

Grant Attachments

Document Name	Document Type	Description
2015 Program and Operations Addendum	Grant Agreement	2015 Program and Operations Addendum - Blue Earth County SWCD

Document Name	Document Type	Description
2015 Program and Operations Addendum executed	Grant Agreement	2015 Program and Operations Addendum - Blue Earth County SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/16/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/02/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/02/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/22/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/29/2016
FY15 Financial Report	Progress	Progress Dated - 12/29/2016