



Grant All-Detail Report Projects and Practices 2018

Grant Title - Lower Elk River Watershed Phase II Bacteria Reduction Grant

Grant ID - C18-4729-2

Organization - Sherburne SWCD

Original Awarded Amount	\$106,800.00	Grant Execution Date	2/9/2018
Required Match Amount	\$26,700.00	Original Grant End Date	12/31/2020
Required Match %	25%	Grant Day To Day Contact	
Current Awarded Amount	\$106,800.00	Current End Date	4/29/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$106,800.00	\$48,654.76	\$58,145.24
Total Match Amount	\$26,700.00	\$15,581.63	\$11,118.37
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$133,500.00	\$64,236.39	\$69,263.61

*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	Current State Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant	\$2,300.00	\$2,300.00	6/25/2020	N
BMP Practices	Agricultural Practices	Current State Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant	\$75,000.00	\$1,835.26	10/14/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Capacity Building	Education/Information	Current State Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant	\$3,500.00	\$3,500.00	4/14/2022	N
Landowner Match	Technical/Engineering Assistance	Landowner Fund	Landowner Match	\$18,750.00	\$5,584.36	10/14/2021	Y
Project Development	Project Development	Current State Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant	\$14,600.00	\$14,600.00	9/17/2020	N
Project Development	Project Development	Local Fund	District Funds	\$7,950.00	\$9,997.27	3/31/2022	Y
Technical Assistance	Technical/Engineering Assistance	Current State Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant	\$11,400.00	\$11,400.00	10/12/2021	N
Waste Storage Facility	Livestock Waste Management	Current State Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant	\$0.00	\$15,019.50	10/14/2021	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
512 - Pasture & Hay Planting	1	1	2.5 AC	2.5 AC
512 - Pasture & Hay Planting	1	1	2 AC	2 AC
512 - Pasture & Hay Planting	1	1	0.45 AC	0.45 AC
313 - Waste Storage Facility	1	1	750 SQUARE FEET	750 SQUARE FEET
512 - Pasture & Hay Planting	1	1	0.8 AC	0.8 AC
512 - Pasture & Hay Planting	1	1	0.7 AC	0.7 AC

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
BMP Practices	PATHOGENS (E. COLI)	5240633333333330 CFU	Elk River	Literature Value	

Final Indicators Summary

Indicator Name	Total Value	Unit
SOIL (EST. SAVINGS)	19.50	TONS/YR
PATHOGENS (E. COLI)	1,040,000,000,000.00	CFU

Grant Activity

Grant Activity - Administration			
Description	Administrative time towards grant reporting, board approval, and budget oversight		
Category	ADMINISTRATION/COORDINATION		
Start Date	12-Feb-18	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	Funds were used for administrative time towards grant reporting, board approval, and budget oversight		

Grant Activity - BMP Practices			
Description	Construction materials, contractor expenses and other fees associated with the implementation of bacteria reduction BMPs		
Category	AGRICULTURAL PRACTICES		
Start Date	12-Feb-18	End Date	14-Apr-22
Has Rates and Hours?	No		
Actual Results	<p>Construction materials, contractor expenses and other fees associated with the implementation of bacteria reduction BMPs</p> <p>2020 - Funds were spent providing technical and financial assistance to four landowners for pasture plantings and manure management,</p> <p>2021 - Funds were spent providing technical and financial assistance to three landowners for manure management. One waste storage facility was installed and two more facilities are in planning stages. Additional funds were used toward promotion of the grant cost share.</p> <p>2022 - Due to the increase in contractor estimates and scheduling conflicts, no additional projects were implemented utilizing this funds source.</p>		

Activity Action - Boucher - Pasture			
Practice	512 - Pasture & Hay Planting	Count of Activities	1
Description	Pasture planted to reduce erosion and increase productivity		
Proposed Size / Units	2.00 AC	Lifespan	10 Years
Actual Size/Units	2.00 AC	Installed Date	13-May-19
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	

Final Indicator for Boucher - Pasture			
Indicator Name	SOIL (EST. SAVINGS)	Value	6
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Elk River		

Activity Action - Boucher - Pasture			
Practice	512 - Pasture & Hay Planting	Count of Activities	1
Description	Dormant seeding of cool season pasture mix.		
Proposed Size / Units	0.70 AC	Lifespan	10 Years
Actual Size/Units	0.70 AC	Installed Date	15-Nov-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Boucher - Pasture			
Indicator Name	SOIL (EST. SAVINGS)	Value	2.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Elk River		

Activity Action - Vandenhau - Pasture			
Practice	512 - Pasture & Hay Planting	Count of Activities	1
Description	Established cool season pasture mix.		
Proposed Size / Units	0.80 AC	Lifespan	10 Years
Actual Size/Units	0.80 AC	Installed Date	12-Sep-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Vandenhau - Pasture			
Indicator Name	SOIL (EST. SAVINGS)	Value	2.4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Elk River		

Activity Action - Eggink -Pasture			
Practice	512 - Pasture & Hay Planting	Count of Activities	1
Description	Established cool season pasture mix.		
Proposed Size / Units	2.50 AC	Lifespan	10 Years
Actual Size/Units	2.50 AC	Installed Date	14-Sep-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Eggink -Pasture			
Indicator Name	SOIL (EST. SAVINGS)	Value	7.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Elk River		

Activity Action - Henry - Pasture			
Practice	512 - Pasture & Hay Planting	Count of Activities	1
Description	Cool season pasture mix planted after sumac removal		
Proposed Size / Units	0.45 AC	Lifespan	5 Years
Actual Size/Units	0.45 AC	Installed Date	30-May-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Henry - Pasture			
Indicator Name	SOIL (EST. SAVINGS)	Value	1.5
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Literature Value
Waterbody	Elk River		

Grant Activity - Capacity Building			
Description	Outreach and project promotion related activities, including a Small Pasture & Manure Management Field Day.		
Category	EDUCATION/INFORMATION		
Start Date	12-Feb-18	End Date	14-Apr-22
Has Rates and Hours?	Yes		
Actual Results	<p>Outreach and project promotion related activities, including a Small Pasture & Manure Management Field Day.</p> <p>2020 - funds were used toward promotion of the grant cost share. One in person event and one virtual event targeting small farmers.</p> <p>2021 - Funds were used toward promotion of the grant cost share.</p> <p>2022 - Funds were used to promote the final months of the grant cost share.</p>		

Grant Activity - Landowner Match			
Description			
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	12-Feb-18	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	Landowner Match		

Grant Activity - Project Development			
Description	Developing various aspects of the project, including logistics coordination for the Small Pasture & Manure Management Event, correspondence and site visits with property owners, developing BMP plans, and producing report sheets for project promotion and board approval		
Category	PROJECT DEVELOPMENT		
Start Date	12-Feb-18	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	Funds were used for developing various aspects of the project, including logistics coordination for the Small Pasture & Manure Management Event, correspondence and site visits with property owners, developing BMP plans, and producing report sheets for project promotion and board approval		

Grant Activity - Technical Assistance			
Description	Assisting landowners in design and implementation of practices		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	12-Feb-18	End Date	31-Dec-21
Has Rates and Hours?	No		
Actual Results	Funds were used for technical assistance towards the design and implementation of practices.		

Grant Activity - Waste Storage Facility			
Description	funds will be used towards cost share of waste storage facility.		
Category	LIVESTOCK WASTE MANAGEMENT		
Start Date	12-Feb-18	End Date	14-Apr-22
Has Rates and Hours?	No		
Actual Results	Funds were used to install a manure storage facility to improve storage and water quality on site. This project is adjacent to a wetland.		

Activity Action - NFO - Waste Storage			
Practice	313 - Waste Storage Facility	Count of Activities	1
Description	Concrete storage bin for dry pack manure and bedding to eliminate runoff into adjacent wetland		
Proposed Size / Units	750.00 SQUARE FEET	Lifespan	20 Years
Actual Size/Units	750.00 SQUARE FEET	Installed Date	10-Sep-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for NFO - Waste Storage			
Indicator Name	PATHOGENS (E. COLI)	Value	1.04E12
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Literature Value
Waterbody	Elk River		

Grant Attachments

Document Name	Document Type	Description
2018 Competitive Grant	Grant Agreement	2018 Competitive Grant - Sherburne SWCD
2018 Competitive Grant Amendment EXECUTED	Grant Agreement Amendment	
2018 Competitive Grant executed	Grant Agreement	2018 Competitive Grant - Sherburne SWCD
2018 Competitive amendment EXECUTED	Grant Agreement Amendment	
2018 Second Grant Extension	Grant Agreement Amendment	
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/03/2022

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/22/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/18/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/20/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/16/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/03/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/20/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/16/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/13/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/02/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/14/2022
Application	Workflow Generated	Workflow Generated - Application - 08/09/2017
CWF18_ER_GrantAgreement	Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant
ERW Priorities Projects Map	Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant
FY 18 CWF grant extension amendment request	Grant Agreement Amendment	
FY18 CWF ER Bacteria Reduction Final Financial Report	Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant
FY18 ER Bacteria Financial Report 12/31/2021	Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant
L2L_FinancialReport_04122022	Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/20/2017
final closeout	Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant
grantmap_19166_2017-08-09_01-44-44-PM.jpg	Grant	Lower Elk River Watershed Phase II Bacteria Reduction Grant