



Grant All-Detail Report Accelerated Implementation Grant 2017

Grant Title - 2017 Elk River Watershed Strategic BMP Assessments

Grant ID - C17-7416

Organization - Elk River Watershed Association

Original Awarded Amount	\$182,500.00	Grant Execution Date	2/14/2017
Required Match Amount	\$45,625.00	Original Grant End Date	12/31/2019
Required Match %	25%	Grant Day To Day Contact	Gerry Maciej
Current Awarded Amount	\$182,500.00	Current End Date	12/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$182,500.00	\$182,500.00	\$0.00
Total Match Amount	\$45,625.00	\$167,427.68	\$-121,802.68
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$228,125.00	\$349,927.68	\$-121,802.68

*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	2017 Elk River Watershed Strategic BMP Assessments	\$7,500.00	\$7,500.00	8/9/2019	N
ERWA Match	Special Projects	Local Fund	ERWA Match	\$30,625.00			Y
Federal C/S Match	Agricultural Practices	Federal Funds	Federal C/S Match	\$15,000.00			Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Federal C/S Special Projects	Special Projects	Federal Funds		\$0.00	\$167,427.68	9/4/2019	Y
Project and landowner development	Project Development	Current State Grant	2017 Elk River Watershed Strategic BMP Assessments	\$175,000.00	\$175,000.00	9/16/2019	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
528 - Prescribed Grazing	1		1 COUNT	1 COUNT
313 - Waste Storage Facility	1		1 COUNT	1 COUNT
351 - Well Decommissioning	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
FECAL COLIFORM	65,000,000,000,000.00	CFU/YR
BOD 5	36.00	LBS/YR
COD	162.00	LBS/YR
NITROGEN	360.55	LBS/YR
PHOSPHORUS (EST. REDUCTION)	266.00	LBS/YR
PREVENTION	2.00	COUNT
PHOSPHORUS FEEDLOT (EST. REDUCTION)	3.00	LBS/YR

Grant Activity

Grant Activity - Administration			
Description	Provide for administration of the project including, but not limited to staff management, financial management, meeting expenses, one financial audit and grant reporting.		
Category	ADMINISTRATION/COORDINATION		
Start Date	14-Feb-17	End Date	09-Aug-19
Has Rates and Hours?	Yes		
Actual Results	Funds were spent on grant tracking, assisting the Elk River Watershed Technician, and other grant administration items.		

Grant Activity - ERWA Match			
Description	ERWA Match		
Category	SPECIAL PROJECTS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Federal C/S Match			
Description	Federal C/S Match		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Federal C/S Special Projects			
Description			
Category	SPECIAL PROJECTS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	2 well sealings, 1 beef feedlot project, and 1 prescribed grazing project were identified and completed with federal matching funds as a result of this AIG grant.		

Activity Action - Well Sealing #1 Fed. Match			
Practice	351 - Well Decommissioning	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	10-Aug-18
Mapped Activities	No		

Final Indicator for Well Sealing #1 Fed. Match			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Elk River		

Activity Action - Well Sealing #2 Fed. Match			
Practice	351 - Well Decommissioning	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	16-Nov-18
Mapped Activities	No		

Final Indicator for Well Sealing #2 Fed. Match			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Elk River		

Activity Action - Beef Feedlot Project #1 Fed. Match			
Practice	313 - Waste Storage Facility	Count of Activities	1
Description	Roofed Stacking Slab, grassed waterway, vegetated treatment area, heavy use protection area, scrape lanes, fence, and more.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	16-Jan-19
Mapped Activities	No		

Final Indicator for Beef Feedlot Project #1 Fed. Match			
Indicator Name	NITROGEN	Value	9
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Elk River		
Final Indicator for Beef Feedlot Project #1 Fed. Match			
Indicator Name	FECAL COLIFORM	Value	6.5E13
Indicator Subcategory/Units	MinnFARM CFU/YR	Calculation Tool	MINNFARM
Waterbody	Elk River		
Final Indicator for Beef Feedlot Project #1 Fed. Match			
Indicator Name	BOD 5	Value	36
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Elk River		
Final Indicator for Beef Feedlot Project #1 Fed. Match			
Indicator Name	PHOSPHORUS FEEDLOT (EST. REDUCTION)	Value	3
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Elk River		
Final Indicator for Beef Feedlot Project #1 Fed. Match			
Indicator Name	COD	Value	162
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Elk River		

Activity Action - Prescribed Grazing Project #1 Fed. Match			
Practice	528 - Prescribed Grazing	Count of Activities	1
Description	1,120 feet of electric, high tensile fence, 2.5 acres of cool season forage and biomass planting, 4- 150 gallon watering facilities. Prescribed grazing incentive payments to follow in 2020, 2021, and 2022 for 11.7 acres.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	4-Sep-19
Mapped Activities	No		

Final Indicator for Prescribed Grazing Project #1 Fed. Match			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	266
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Elk River		
Final Indicator for Prescribed Grazing Project #1 Fed. Match			
Indicator Name	NITROGEN	Value	351.55
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Elk River		

Grant Activity - Project and landowner development

Description	<p>We will hire staff to develop relationships with landowners, complete the site assessments and provide technical assistance to landowners interested in installing best management practices.</p> <p>Education/outreach may consist of brochures, handouts, meetings, mailings, etc. to generate interest in the program.</p> <p>Technical assistance will be provided by Benton and Sherburne SWCD staff with TAA being assigned by the respective District Boards and NRCS staff with their TAA being approved by the NRCS Area Engineer.</p> <p>Projects will be designed, constructed and operated/maintained according to NRCS practice standards and requirements.</p>		
Category	PROJECT DEVELOPMENT		
Start Date	14-Feb-17	End Date	16-Sep-19
Has Rates and Hours?	Yes		
Actual Results	<p>2017 mailed letters to all Tier 1 & 2 residents in both Benton & Sherburne Counties for outreach. Completed 20 environmental site visits covering 16,761.58 acres in both counties. Potential projects include: 4 erosion projects, 3 well sealings, 3 grazing plans, 5 manure storage, 1 irrigation water management, & 1 energy audit.</p> <p>2018 completed 7 environmental site visits covering about 1,860 acres in Benton & Sherburne. Potential projects include 3 cover crops, 2 grazing plans, 3 feedlot projects, 1 windbreak, & 1 rain garden/ barrel. Projects that were completed as a result of 2017 site visits include 1 manure storage project, 3 well sealings, 1 cropland erosion, & 1 stream crossing. There is still 1 grazing plan contracted to be completed this year. There are several potential projects from 2017 site visits still in the project development stage. Time was also spent working on 8 Comprehensive Nutrient Management Plans (CNMPs)- 4 poultry & 4 beef, mailing over 560 tri-fold flyers to residents within the Tier 1 & 2 areas in Benton & Sherburne for outreach, setup for Small Farms Night event in Sherburne, & completing a feedlot inventory for both Benton & Sherburne.</p> <p>2019 completed 5 environmental site visits covering about 825 acres in Benton. Potential projects include 2 beef feedlots, 2 cropland erosion, & 3 streambank erosion. There are several projects from 2017 & 2018 site visits waiting for cost share to become available in order to be implemented. In addition, time was put towards working on 1 NMP, 3 CNMPs for beef operations, 1 prescribed grazing plan, & presenting at the Benton/Sherburne Corn Growers & East Central Irrigators Associations 2019 Annual Meeting.</p> <p>In all years, time was also put towards assisting with surveys, soil borings, staking, & other construction duties for projects, trainings, news releases, as well as coordination, prep work, & attendance for Elk River Watershed Association (ERWA) meetings, & maintaining/updating the ERWA website.</p>		

Grant Attachments

Document Name	Document Type	Description
2017 Competitive Grant	Grant Agreement	2017 Competitive Grant - Elk River Watershed Association
2017 Competitive Grant executed	Grant Agreement	2017 Competitive Grant - Elk River Watershed Association
2017 Elk River Watershed Strategic BMP Assessments Final Financial Report	Grant	2017 Elk River Watershed Strategic BMP Assessments
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 09/04/2019
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 - 08/02/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/06/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/16/2018
Application	Workflow Generated	Workflow Generated - Application - 08/05/2016
BC Approval of Workplan	Grant	2017 Elk River Watershed Strategic BMP Assessments
C17-7416 Reconciliation Checklist	Journal	Journal Dated - 05/10/2018
C17-7416_2 Reconciliation Checklist	Journal	Journal Dated - 03/19/2019
ERWA Financial Report	Grant	2017 Elk River Watershed Strategic BMP Assessments
ERWA Financial Report	Grant	2017 Elk River Watershed Strategic BMP Assessments
Elk River BMP Assessments	Grant	2017 Elk River Watershed Strategic BMP Assessments
FY17_ERWA_FinancialReport	Grant	2017 Elk River Watershed Strategic BMP Assessments
Interim payment report	Grant	2017 Elk River Watershed Strategic BMP Assessments
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/22/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/03/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/14/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/22/2018
grantmap_17033_2016-08-03_11-13-24-AM.jpg	Grant	2017 Elk River Watershed Strategic BMP Assessments