



Grant All-Detail Report Projects and Practices 2015

Grant Title - 2015 - Rock River Bacterial Impairment Reduction Project

Grant ID - C15-0452

Organization - Nobles SWCD

Grant Awarded Amount	\$264,700.00	Grant Execution Date	3/23/2015
Required Match Amount	\$66,175.00	Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	John Shea

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$264,700.00	\$226,368.94	\$38,331.06
Total Match Amount	\$113,993.07	\$113,993.07	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$378,693.07	\$340,362.01	\$38,331.06

*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
2015 CWF Administration and Coordination	Administration /Coordination	Current State Grant	2015 - Rock River Bacterial Impairment Reduction Project	\$3,600.00	\$3,600.00	12/31/2015	N
2015 CWF Technical and Engineering Assistance	Technical/Engineering Assistance	Current State Grant	2015 - Rock River Bacterial Impairment Reduction Project	\$15,000.00	\$15,000.00	12/31/2015	N
Feedlot Runoff Control Practices	Livestock Waste Management	Current State Grant	2015 - Rock River Bacterial Impairment Reduction Project	\$207,768.94	\$207,768.94	3/23/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Feedlot Runoff Control Practices	Livestock Waste Management	Federal Funds	Federal Match	\$113,993.07	\$113,993.07	3/22/2016	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
313 - Waste Storage Facility	1	1	1 COUNT	1 COUNT
533 - Pumping Plant	1	1	1 COUNT	1 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
Feedlot Runoff Control Practices	FECAL COLIFORM	1400000000000000000 CFU/YR	Elk Creek	MINNFARM	
Feedlot Runoff Control Practices	PHOSPHORUS FEEDLOT (EST. REDUCTION)	53 LBS/YR	Elk Creek	MINNFARM	
Feedlot Runoff Control Practices	BOD 5	613 LBS/YR	Elk Creek	MINNFARM	
Feedlot Runoff Control Practices	COD	2758 LBS/YR	Elk Creek	MINNFARM	
Feedlot Runoff Control Practices	NITROGEN	153 LBS/YR	Elk Creek	MINNFARM	

Final Indicators Summary

Indicator Name	Total Value	Unit
BOD 5	1,405.00	LBS/YR
FECAL COLIFORM	1,400,000,000,000,000.00	CFU/YR

COD	2,758.00	LBS/YR
NITROGEN	153.00	LBS/YR
PHOSPHORUS FEEDLOT (EST. REDUCTION)	119.00	LBS/YR

Grant Activity

Grant Activity - 2015 CWF Administration and Coordination

Description	Administration of the 2015 CWF grant will include all necessary landowner contact regarding paperwork and contracting. The Nobles SWCD Board will approve a formal contract with the landowner in regards to the practices receiving state funding. A standard state cost-share contract will be utilized for the project including expected lifespan and inspection requirements. An Operational and Maintenance Plan will be provided to the landowner. All required reporting fiscal management and time tracking will be completed by the Nobles SWCD. A total of \$3,600 will be used for administration/coordination of the grant.		
Category	ADMINISTRATION/COORDINATION		
Start Date	15-Apr-15	End Date	
Has Rates and Hours?	Yes		
Actual Results	<p>Nobles SWCD has been in contact with Landowner, contractors and Engineers with this project most of the project has been started but not finished.</p> <p>Nobles SWCD District Manager 87 Hrs. @ \$29.00 Per hour = \$2,523.00</p> <p>Nobles SWCD Administrator 56 Hrs. @ 19.53 per hour =\$1,093.68</p>		

Grant Activity - 2015 CWF Technical and Engineering Assistance

Description	<p>\$10,000 will be paid to the professional engineering services and/or TSA engineers for needed engineering and construction of the animal waste mitigation project. Engineers will use approved NRCS methods and standards for the project. Nobles SWCD will provide secondary technical assistance to the professional engineers during construction and development. \$5,000 will be utilized for technical assistance for the SWCD. The professional engineers and SWCD will follow approved engineering standards and specifications and Technical Staff will have TAA certification for all practices.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	15-May-15	End Date	
Has Rates and Hours?	Yes		
Actual Results	<p>From 5/15/2015- 12/31/2015 Nobles SWCD assisted the engineering staff on the project. District Manager 21@\$29.00 per hour = \$609.00 District Technician 20@\$20.52 Per hour =\$410.40 TSA Lead Engineering Engineer 119@59.11 Per hour =\$7,034.09 Engineer Tech 135@51.68 Per hour =\$6,976.80</p>		

Grant Activity - Feedlot Runoff Control Practices

Description	Installation of manure storage facilities', manure transfer equipment and/or aprons for the purposes of containing manure on site eliminating surface runoff from adjacent stream. Landowner has applied for Federal EQIP Funds. If approved, the federal feedlot funds will be applied as grant match. Any remaining dollars will be used to install additional practices to further reduce bacterial loading in the Elk Creek Watershed. Partial finding of this grant may be acceptable pending the approval of the federal EQIP funds.		
Category	LIVESTOCK WASTE MANAGEMENT		
Start Date	15-Apr-15	End Date	
Has Rates and Hours?	No		
Actual Results	<p>From May of 2015 to January of 2015 the project has been started with anticipated completion in early 2016</p> <p>Bills where submitted and approved by engineer and SWCD board. Payment Approval: 3-16-16</p> <p>December 13, 2017 The SWCD is working with the Southwest Prairie Technical Service Area (TSA) and the Nobles County Feedlot Officer to find potential issues with in the Elk Creek watershed to use the remaining funds on. there has been a couple of sites that have been visited but no plan is in place. As of December 2017 no funds have been spent. staff will continue to try and use these funds within the means of the grant.</p>		

Activity Action - 2015-CWF Feedlot-1			
Practice	313 - Waste Storage Facility	Count of Activities	1
Description	One concrete storage facility with necessary pumping and concrete runoff controls.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	15-Oct-15
Mapped Activities	1 Point(s)		

Final Indicator for 2015-CWF Feedlot-1			
Indicator Name	BOD 5	Value	1405
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Elk Creek		
Final Indicator for 2015-CWF Feedlot-1			
Indicator Name	PHOSPHORUS FEEDLOT (EST. REDUCTION)	Value	119

Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Elk Creek		
Final Indicator for 2015-CWF Feedlot-1			
Indicator Name	FECAL COLIFORM	Value	1400000000000000
Indicator Subcategory/Units	MinnFARM CFU/YR	Calculation Tool	MINNFARM
Waterbody	Elk Creek		
Final Indicator for 2015-CWF Feedlot-1			
Indicator Name	COD	Value	2758
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Elk Creek		
Final Indicator for 2015-CWF Feedlot-1			
Indicator Name	NITROGEN	Value	153
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Elk Creek		

Activity Action - 2015-CWF Feedlot-1			
Practice	533 - Pumping Plant	Count of Activities	1
Description	One Pumping Plant		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	31-Dec-15
Mapped Activities	1 Point(s)		

Grant Attachments

Document Name	Document Type	Description
2015 - Rock River Bacterial Impairment Reduction Project	Grant	2015 - Rock River Bacterial Impairment Reduction Project
2015 Competitive Grant	Grant Agreement	2015 Competitive Grant - Nobles SWCD
2015 Competitive Grant executed	Grant Agreement	2015 Competitive Grant - Nobles SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/13/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/13/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/13/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/08/2017

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/13/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/27/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/17/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/09/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/21/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2016
Application	Workflow Generated	Workflow Generated - Application - 09/26/2014
C15-0452 Checklist	Journal	Journal Dated - 04/03/2017
FY2015 CWF 40% Payment approval	Journal	Journal Dated - 05/17/2016
Financial Report	Progress	Progress Dated - 05/13/2016
Nobles SWCD CY16 ELink Reporting Needs 1	Journal	Journal Dated - 02/27/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/28/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/11/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/11/2015
grantmap_12753_2014-09-23_10-30-05-AM.jpg	Grant	2015 - Rock River Bacterial Impairment Reduction Project