

Instructions

Please download this Word document (available on the Industrial Commission/Outdoor Heritage Fund Program website at <http://www.nd.gov/ndic/outdoor-infopage.htm>) to your computer and provide the information as requested. You are not limited to the spacing provided. After completing the report, save it and attach it to an e-mail and send it to outdoorheritage@nd.gov AND print it and mail it to: North Dakota Industrial Commission, ATTN: Outdoor Heritage Fund Program, State Capitol – Fourteenth Floor, 600 East Boulevard Ave. Dept. 405, Bismarck, ND 58505. If you are unable to scan attachments, mail them with your paper copy of the report. You will be sent a confirmation by e-mail of receipt of your report and attachments.

**Outdoor Heritage Fund
Status and Final Report Form/Guidelines**

This report is used to show progress of grant projects funded through the Outdoor Heritage Fund. Status Reports and the Final Report must be submitted as required in Contract.

Contract Number 002-026	Report Date 01/23/2017	Period Covered by Report (2/03/2016 to 01/23/2017)
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Project Name
Stutsman County Manure Management Project

Project Sponsor Name
Stutsman County Soil Conservation District

Responsible Official (Last, First Middle) Odenbach, Ryan Matthew	Responsible Official's Title Watershed Coordinator
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Project Sponsor Address
1301 Business Loop East

City Jamestown	State ND	Zip Code 58401	Telephone Number 701-252-2521 ext. 3
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Financial Update

Please provide the following information regarding the funding for your project based on the contract award:

Funds Spent this Reporting Period

(As appropriate please provide copies of receipts for purchases)

Match Funding \$
 In-kind Funding \$ 66,440.61
 OHF Funding **Requested for Reimbursement** ~~\$99,660.92~~ **\$99,651.68**
 Total Funding Expended for this Reporting Period \$166,101.53

Total Funds Spent to Date

Match Funding \$
 In-kind Funding: \$200,000.00
 OHF Funding Received and Requested for Reimbursement: ~~\$300,000.00~~ **\$299,990.76**
 Total Funding Expended to Date: \$500,000.00

Balance of Grant Funds

Match Funding \$
 In-kind Funding: \$0
 OHF Funding still to be Requested: ~~\$0~~ **\$9.24**
 Total Funding to be Expended on this Project: \$0

Do you anticipate needing to request a grant extension If yes, please explain
 Yes No

Work Completed during Period Covered by Report:

(This information will be posted on the Outdoor Heritage Fund/Industrial Commission website)

Cost-share has occurred with 9 producers in this request who are working on installing winter rotational grazing systems and 31 producers in total for this project.

Practices installed during this reimbursement cycle include:

- 955 feet of portable windbreak
- 875 linear feet of pipelines for water
- 3 water tanks
- 1 well for water
- 200 ft. of electric fencing
- 57,209 ft. of barbed wire fencing
- 4,600 ft of windbreak/shelterbelts
- 980.55 acres of cover crop

Photos of work completed are welcome (If appropriate, please submit photos of key elements of the project completed or in progress during reporting period) Do not exceed five photos per project report.

Signature of Responsible Official



Ryan Odenbach, Watershed Coordinator

The project reports shall be provided to the Commission in both electronic and hard-copy formats with permission for unrestricted distribution. The electronic versions shall be in a suitable format for posting on the Outdoor Heritage Fund/Commission website.





Final Report Project Summary for the Stutsman County Manure Management Project

The purpose of this project was to reduce nutrient loading to area water bodies from animal concentrated areas. The method we used to accomplish this goal was to encourage and educate area cow-calf producers on the benefits of grazing cows during the winter periods. We also helped cost-share and implement recommendations and management plans. Often winter in Stutsman County is a time when beef cattle are concentrated in wind protected pens. The concentration of manure during this time period can be a major contributor to high nutrient concentrations in surface and ground water. On the other hand, moving and spreading feeding areas and allowing cattle to graze crop residue and other areas in the winter can provide many benefits. These benefits include: 1) eliminating concentrated manure runoff; 2) even spreading of manure for summer crop production or grass growth; 3) soil health benefits through increased nutrient cycling; 4) better health for cattle; 5) reduced cost of production for producers; 6) reduced environmental costs by eliminating costly monitoring and regulatory actions.

Through this project, 31 Stutsman County livestock producers implemented winter grazing plans. The cost-shared practices they used to implement these plans included:

- 68,595 linear feet of barbed wire fence
- 11,179 linear feet of electric fence
- 12 winterized water tanks
- 1,452 acres of cover crop
- 6,263 linear feet of water pipelines
- 5,828 linear feet of portable windbreaks
- 12,260 linear feet of tree windbreaks
- 16,783 tons of waste utilization
- 2 wells for livestock
- 2 alternative power sources
- 2 fence energizers

For the last three years, the Stutsman County Soil Conservation District has conducted field tours each February to show others the benefits we are achieving. These tours help demonstrate the winter grazing effectiveness and show the management plans have been producing great results. Utilizing the plans provided from this program the manure has been shown to be evenly distributed across the fields. Each of the described benefits from the numbered items above have been effectively demonstrated through these plans.

By eliminating the heavily concentrated feeding areas, water bodies are receiving reduced nutrient and other contaminant loading from these farm areas. This reduction in loading is a benefit to all citizens of North Dakota who enjoy cleaner water for fishing and recreational uses.