

Contract No. 001-009
“Sheyenne River Sedimentation Reduction Project”
 Submitted by Barnes County Soil Conservation District
 Principal Investigator: Lori Frank
 Directive B

PARTICIPANTS

| Sponsor | Cost Share | |
|---|-------------------|-------------|
| EPA Section 319; | \$400,200 | |
| Resource Conservation & Development | \$ 5,000 | |
| Natural Resources Conservation Service | \$ 5,000 | |
| ND Department of Health | \$ 15,000 | |
| Barnes County Soil Conservation District | \$ 62,500 | |
| North Dakota State University Extension Service | \$ 500 | |
| Barnes County Rural Water Users | \$ 2,000 | |
| Unknown because of partial funding | \$ 74,000 | |
| Landowners | <u>\$266,800</u> | |
| Subtotal Cash Cost Share | | \$831,000 |
| Unknown | | 0 (in-kind) |
| Subtotal In-kind Cost Share | | \$ 0 |
| North Dakota Industrial Commission | <u>\$126,000</u> | |
| Total Project Cost | <u>\$957,000</u> | |

Project Schedule – 53 months
 Contract Date – March 22, 2014
 Start Date – April 1, 2014
 Completion Date Phase 1 - July 31, 2015
~~September 30, 2018~~

Project Deliverables:
 Status Report: August 31, 2014 ✓
 Status Report: October 31, 2014 ✓
 Status Report: November 30, 2014 ✓
 Status Report: December 31, 2014 ✓
 Status Report: February 28, 2015 ✓
~~Status Report: November 30, 2015~~
~~Status Report: November 30, 2016~~
~~Status Report: November 30, 2017~~
~~Status Report: September 30, 2018~~
 Final Report: July 31, 2015

OBJECTIVE/STATEMENT OF WORK:

Project is designed to provide technical, financial and educational assistance to all agriculture producers and landowners with riparian acreage and/or upland cropland at high risk of erosion within the Sheyenne River watershed in Barnes County. Goal is to restore the aquatic life uses and to maintain the recreational uses of the Sheyenne River and its tributaries.

The project will involve the following tasks:

1. Provide technical and financial assistance to producers/landowners within ½ mile of the Sheyenne River and its tributaries and to prioritize locations when outside the AnnAgnps priority areas.
2. Assist with best management practices that protect/enhance our riparian, crop, and non-crop acreage in high priority areas.
3. Develop education programs to heighten public awareness of non-point pollution impacts and solutions.

4. Develop working partnerships in the local community to benefit natural resources.

Funds will be used to reduce the sources of sedimentation within the priority areas, develop a water quality farm assessment focused on a systems approach for water quality management at the farm unit level, reduce E.coli concentrations, with a target concentration per sampling site of a geometric mean of 126 colonies/100 ml with less than 10% of the samples exceeding 409 colonies/100 ml. And lastly to carry out an information/education program to promote water quality awareness and best management practices.

STATUS:

Original Request was for \$200,000. Amount awarded was \$126,000. Contract 001-009 - Executed
The applicant did not indicate any specific project changes as a result of partial funding.

8/31/14- Several projects were undertaken involving Pasture/Hayland Plantings (126 acres); Fencing (22,320 feet); Septic System Renovations (2 each); Clean Water Diversion (37121 cu/yds.); Critical Area Planting (12 acres).

10/31/14 - Several projects were done involving cover crops: 404.7 acres; Fencing: 5143 feet, Pipeline: 850 feet; installation of water tank - 1; portable windbreak: 120 feet; misc. erosion control at 3 sites; critical area planting: 3 acres.

11/30/14 - Several projects were done involving cover crops: 377 acres; pipeline 1400 feet; water tanks - 2 each; portable windbreak - 288 feet; well (livestock) 2 each

12/31/14 - Three projects were done involving grazing management: water tanks - 2 each; portable windbreaks - 192 feet

2/28/15 - One portion of a livestock manure management system was installed - a portable windbreak - 288 feet. This project falls under the category of Sedimentation Reduction.

7/31/15 - Six projects were undertaken including a cover crop project impacting 150 acres; two fencing projects totaling 15,320 linear feet; two pasture/hayland planting impacting 132.50 acres; and partial funding of a streambank and shoreline stabilization project impacting 190 linear feet. Partial funding of the streambank and shoreline stabilization project is being paid from Contract 005-071. With the payment of this request all the Outdoor Heritage Fund dollars approved under Contract 001-009 have been expended.