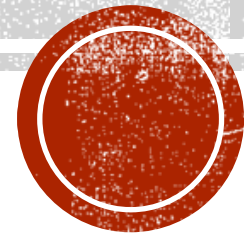


ESG SOLUTION: BIOLOGICAL CARBON UTILIZATION

North Dakota Natural Resources Trust



**Bakken
Development
and Working
Lands
Program**

26,073 acres of improved grassland management
(fence, water development)
6,341 acres of improved management adjacent to oil
infrastructure
1,944 acres of cover crops
1,467 acres of tame grass
2,197 acres of native grass



**Bakken
Development
and Working
Lands
Program II**

19,375 acres of improved grassland management
(fence, water development)
• 155,917' fence
• 66 water tanks
• 25 wells
• 85,976' water pipeline
2,695.24 acres of cover crops

**NORTH DAKOTA
OUTDOOR
HERITAGE FUND**



OIL AND GAS RESEARCH GRANT

- **Research will:**
 - Measure carbon utilization in grasslands in western North Dakota
 - Meteorological data, imaging technologies, and mapping
 - Assess how grazing lands management and participation in carbon markets could enhance local economies
- **Data will:**
 - Demonstrate how restored and managed grazing lands will support western North Dakota agriculture, a resilient energy industry, and increase carbon utilization now and in the future



INDUSTRY EXAMPLE



Photo by Vern Whitten

- 1 Establish perennial cover in areas that are cropped
- 2 Establish fence and water developments
- 3 Incorporate cattle as part of rotational grazing system
- 4 Capture atmospheric carbon



THANK YOU

