

**FEDERAL AID
ANNUAL PERFORMANCE REPORT**

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF WILDLIFE CONSERVATION
PO Box 25526
Juneau, AK 99802-5526

**MUSK OX
ANNUAL SURVEY AND INVENTORY**

STATE: Alaska

GRANT AND SEGMENT NR.: W-33-12

PROJECT NR.: 16.0

PERIOD: 1 July 2013 – 30 June 2014

PROJECT LOCATION: Region III

PROJECT TITLE: The Status of Musk Ox and Factors Influencing Their Populations

REPORT DESCRIPTION: This performance report describes musk ox survey and inventory activities. Regionwide activities are listed before specific activities by game management unit.

**The Status of Musk Ox
and Factors Influencing Their Populations in Region III**

Regionwide Activities:

ACTIVITY 1: Prepare a biennial muskox management report.

Prepared preliminary data for biennial muskox management report.

ACTIVITY 2: Monitor natural mortality and analyze natural mortality data.

Monitored natural mortality. One radiocollared muskoxen died.

ACTIVITY 3: Provide muskox management information to State and Federal regulatory processes

Provided information to 1 State fish and game advisory committee, the Alaska Board of Game, and 1 Federal regional advisory councils.

Activities by Unit:

Unit 26B and 26C:

ACTIVITY 1: Determine distribution and percent calves in Unit 26B during June

Determined distribution of muskoxen in early and late June via radiotracking. Percent calves was 17% (n=181) on June 4, 2014.

ACTIVITY 2: Capture approximately 5 muskox to deploy radiocollars and maintain an adequate sample size of collared animals for surveys and conduct April composition.

No radio collars were deployed.

ACTIVITY 3: April composition counts

Preliminary data indicated that 176 muskoxen were classified in April 2014 resulting in 30 bulls > 3 years old:100 cows >2 years old and 17 yearlings:100 cows >2 years old.

Submitted by: Doreen Parker McNeill, Region III Management Coordinator