

**FEDERAL AID
ANNUAL PROGRESS REPORT**

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF WILDLIFE CONSERVATION
PO Box 115526
Juneau, AK 99811-5526

Grant Number: W-33 **Segment Number:** 10

Project Number: 6.17

Project Title: A direct investigation of the full curl harvest system: 1) Ram survival and energetics, and 2) ewe survival and productivity.

Project Duration: July 1, 2009 – June 30, 2013

Report Period: July 1, 2011 – June 30, 2012

Report Due to HQ: September 1, 2012

PRINCIPAL INVESTIGATORS: Tom Lohuis, ADF&G

WORK LOCATION: Kenai Peninsula, GMU 7

I. SUMMARY OF WORK COMPLETED ON JOBS FOR LAST SEGMENT PERIOD ONLY

JOB/ACTIVITY 1: Pilot study. Ensure that rams do not move back and forth between treatment areas, obtain measures of home ranges, movements, and dispersal movements. Obtain population estimates and sex and age composition.

Accomplishments: This job was not active during the most recent reporting period.

JOB/ACTIVITY 2: Obtain measurement of rates, causes, and timing of mortality for sheep in this study population.

Accomplishments: This job was not active during the most recent reporting period.

JOB/ACTIVITY 3: Obtain measures of ewe pregnancy rates and estimate lamb recruitment for this population.

Accomplishments: This job was not active during the most recent reporting period.

JOB/ACTIVITY 4: Assess the energetic costs incurred by juvenile rams during the rut as a function of ram population composition in each treatment area.

Accomplishments: This job was not active during the most recent reporting period.

II. RECOMMENDATIONS FOR THIS PROJECT

Leave the project open as a place-holder project since future work may be conducted on the project. Funding for this project was used for other higher priority projects.

Prepared by: Tom Lohuis, WB III

Date: September 1, 2012