

**FEDERAL AID ANNUAL
RESEARCH PERFORMANCE REPORT**

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

**Alaska Department of Fish and Game
Wildlife Restoration Grant**

GRANT NUMBER: W-33

SEGMENT NUMBER: 10

PROJECT NUMBER: 1.66

PROJECT TITLE: Evaluating options for improving GSPE performance and developing a moose sightability correction factor

PROJECT DURATION: 1 July 2007–30 June 2014

REPORTING PERIOD: 1 July 2011 – 30 June 2012

REPORT DUE DATE: 1 September 2012

PRINCIPAL INVESTIGATOR: Kalin A. Kellie, ADF&G

COOPERATOR: Jay M. Ver Hoef, NOAA

WORK LOCATION: Interior Alaska-DWC Region III

**I. SUMMARY OF WORK COMPLETED ON JOBS IDENTIFIED IN ANNUAL
PLAN THIS PERIOD**

OBJECTIVE 4: Writing reports.

JOB/ACTIVITY 4A,B,C,D: Prepare manuscripts and reports.

No reports were drafted during this segment. The research conducted to date on both modeling and directly measuring sightability need a comprehensive review that includes feedback from the Region III DWC biometrician before recommendations can be drafted in reports. During this fiscal year, we determined that the first step in this process will be a review of existing sightability methodology across this project and similar projects on-going in DWC Regions II and IV. This document will be used to prioritize sightability methodology, finalize methods ready for reporting and determine where additional data collection and analysis are warranted.

**II. SIGNIFICANT DEVIATIONS AND/OR ADDITIONAL FEDERAL AID-FUNDED
WORK NOT DESCRIBED ABOVE THAT WAS ACCOMPLISHED ON THIS
PROJECT DURING THIS SEGMENT PERIOD**

I developed a proposal for implementation of the spatial SCF technique. I also assisted with collection of additional sightability trials in Unit 20D during the November 2011 survey.

III. PUBLICATIONS

None.

IV. RECOMMENDATIONS FOR THIS PROJECT

We revised the project statement for FY13 to include drafting a research plan for sightability research.

PREPARED BY: Kalin A. Kellie Seaton

DATE: 3 August 2012