FEDERAL AID ANNUAL
RESEARCH PERFORMANCE REPORT

Alaska Department of Fish and Game
Wildlife Restoration Grant

GRANT NUMBER: AKW-4 Wildlife Restoration FY2015

PROJECT NUMBER: 1.74

PROJECT TITLE: How do regenerating burns influence moose populations and harvest in Interior Alaska?

PROJECT DURATION: 1 July 2012–30 June 2016

REPORT DUE DATE: 1 September 2015

PARTNER: None

PRINCIPAL INVESTIGATOR: Kalin A. Kellie Seaton, ADF&G

COOPERATORS: Dr. Todd Brinkman (UAF/SNAP), Liz Neipert (University of Colorado/U.S. Army), and Casey Brown (Ph.D. Candidate/UAF)

WORK LOCATION: Unit 20D

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

OBJECTIVE 1: Document the effect of the Hajdukovich burn on individual moose.

JOB/ACTIVITY 1A: Obtain fine-scale data on the movements and activities of adult male moose.

We continued to collect GPS location information from adult male collars via satellite download through October 2014. On 15 October 2014, collars dropped from the moose and all but 1 collar was recovered from the field by the end of October. Data were downloaded from the collars and stored.

OBJECTIVE 4: Collaborate with Casey Brown (Ph.D. student, UAF) to model burn characteristics important to moose and predicting their occurrence on the landscape.

JOB/ACTIVITY 4A: Provide project support.

We provided logistical support to Ph.D. candidate Casey Brown by providing ADF&G trail cameras, ATVs, and technicians for fall camera surveys during the fall 2014 hunting season. We also downloaded and delivered GPS location data from adult bull moose to be used in analyses for Casey's Ph.D. dissertation.

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

None.

III.   PUBLICATIONS

None.

IV.   RECOMMENDATIONS FOR THIS PROJECT

None.

PREPARED BY: Kalin A. Kellie Seaton

DATE: 6 August 2015