

**FEDERAL AID  
ANNUAL PERFORMANCE REPORT**

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

**DALL SHEEP  
ANNUAL SURVEY AND INVENTORY  
FEDERAL AID PERFORMANCE REPORT**

**STATE:** Alaska

**GRANT AND SEGMENT NR:** W-33-4

**PROJECT NR:** 6.0

**WORK LOCATION:** Statewide

**PERIOD:** 1 July 2005–30 June 2006

**PROJECT LOCATIONS:** Game Management Regions 2, 3, and 5

**PROJECT TITLE:** The Status of Alaska Dall Sheep and Factors Influencing Their Populations.

**REPORT DESCRIPTION:** This statewide performance report includes the three regions involved in Dall sheep survey and inventory activities. Statewide and regional activities are listed before specific activities by herd and game management unit.

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**The Status of Alaska Dall Sheep  
and Factors Influencing Their Populations in Region II**

**Regionwide Activities**

Activity: Prepare triennial sheep management reports.

No work was accomplished on this activity because the management report is not due this year.

Activity: Monitor the sheep harvest through field observations, hunter harvest reports and contact with hunters.

Harvest was monitored through field observations, hunter harvest reports and contact with hunters, yielding the following information:

*Kenai Mountains (Unit 7 & 15)*

The preliminary 2005–06 harvest for the general season was:

Rams = 13                      Ewes = 0                      Total = 13

The preliminary 2005–06 harvest for the permit hunts was:

Round Mountain Hunt # 150    Rams = 0    Ewes = 0    Total = 0

Crescent Mountain Hunt # 154    Rams = 0    Ewes = 3    Total = 3

Crescent Mountain Hunt # 156    Rams = 1    Ewes = 0    Total = 1

*Talkeetna Mountains (Units 13A and E, 14A and B) — ram harvest:*

13A	20
13E	9
14A	18
14B	12
Total	59

*Unit 14C*

Males	35	Females	22	Total	57
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Activity: Collect data from sheep presented for sealing by hunters.

Hunter harvested rams were brought into ADF&G offices regionwide for sealing. Data collected included horn length, circumference, age and any abnormal characteristics. Data will be summarized and reported in the triennial management report.

**Total Regional Segment Period Project Costs (in thousands): 15.6**

**Submitted by:** Gino Del Frate, Regional Management Coordinator

## **The Status of Dall Sheep and Factors Influencing Their Populations in Region III**

### **Regionwide Activities**

Activity: Monitor the harvest through hunter contacts and harvest or permit reports and analyze harvest data.

Monitored harvest of 619 sheep through hunter contacts and harvest or permit reports and analyzed harvest data.

Activity: Provide Dall sheep management information to state and federal regulatory processes.

Provided information to the Alaska Board of Game, state fish and game advisory committees, federal regional advisory committees, and the Federal Subsistence Board.

### **Activities by Mountain Range or Use Area**

#### **Tanana Hills**

Activity: Conduct an aerial survey to estimate initial productivity and lamb survival (operating costs funded by BLM).

Conducted an aerial survey and compositioned 158 sheep in the Mount Harper/Glacier Mountain area, finding 29 lambs and 29 rams:100 ewes.

#### **Eastern Brooks Range**

Activity: Conduct aerial surveys in western Unit 25A (operating costs funded by BLM).

Conducted an aerial survey in western Unit 25A and eastern Unit 24, counting 1517 sheep, including 224 lambs, 857 ewes and 359 rams, with a total of 3.0% full curl rams.

**Total Regional Segment Period Project Costs (in thousands): \$33.9**

**Submitted by:** Roy A. Nowlin, Management Coordinator

## **The Status of Dall Sheep and Factors Influencing Their Populations in Region V**

### **Regionwide Activities**

Activity: Provide information to state and federal regulatory processes on Dall sheep management.

Area management staff reviewed state and federal regulatory proposals, attended regulatory process meetings, and presented Dall sheep information to the Alaska Board of Game, state Fish and Game advisory committees, Federal Subsistence Board, and federal subsistence regional advisory councils.

### **Activities by Mountain Range**

#### **Baird Mountains**

Activity: Assist National Park Service (NPS) with aerial surveys in established count areas as needed.

Poor weather hampered sheep surveys in June 2006; however, the department flew a portion of the Baird Mountains during the survey period. Because the entire area was not covered, the total number of sheep observed in 2006 is not comparable to previous years. We observed 25 lambs:100 “ewe-like” sheep during the surveys.

#### **De Long Mountains**

Activity: Monitor harvests through the harvest ticket system, permit hunts, community-based harvest assessments, public contacts, and field observations.

Data from the fall 2005 drawing permit hunt indicate that of 11 permits issued, 5 hunters did not hunt, 1 hunter did not report the results of his hunt, and 3 rams were taken. No sheep were taken under the registration hunt RS388. No harvest information was available from federal sheep hunts.

Activity: Assist NPS with aerial surveys as needed.

Poor weather precluded sheep surveys in the De Long Mountains during June 2006.

#### **Schwatka Mountains**

Activity: Monitor harvests through the harvest ticket system, permit hunts, community-based harvest assessments, public contacts and field observations.

No sheep were taken under the registration hunt RS389 or the general hunt. No harvest information was available from federal sheep hunts.

**Total Regional Segment Period Project Costs (in thousands): 5.5**

**Submitted by:** Peter Bente, Management Coordinator