

**PROPOSAL 181**

**5 AAC 85.045(a)(16). Hunting seasons and bag limits for moose.**

Reauthorize the resident antlerless moose season in Unit 18 as follows:

<b>Units and Bag Limits</b>	<b>Resident Open Season (Subsistence and General Hunts)</b>	<b>Nonresident Open Season</b>
(16) ...		
Unit 18, that portion that drains into Kuskokwim Bay south of the Carter Bay drainage		
RESIDENT HUNTERS:		
...		
1 moose by registration Permit only; to be announced by emergency order	Dec. 1—Mar. 31 (Season to be announced)	No open season.
Remainder of Unit 18		
RESIDENT HUNTERS:		
2 moose; of which only 1 may be an antlered bull; a person may not take a calf or a cow accompanied by a calf; or	Aug. 1—Sept. 30	
2 antlerless moose; or	Oct. 1—Nov. 30.	
2 moose	Dec. 1—April 30.	
NONRESIDENT HUNTERS:		
...		
1 antlerless moose		Dec. 1—Mar. 15

...

**What is the issue you would like the board to address and why?** To be retained, the antlerless moose seasons in Unit 18 must be reauthorized annually. The current antlerless hunts in the Remainder of Unit 18 were adopted at the January 2014 Board of Game meeting in Kotzebue. The current antlerless hunt in the Goodnews Hunt area and nonresident antlerless hunt was adopted at the January 2017 Board of Game meeting in Bethel. Both of these antlerless hunts were amended at the BOG meeting in 2020 in Nome. The Board has previously reauthorized the antlerless moose season for resident hunts in Unit 18 remainder for regulatory year (RY) 2016 through RY2020. This proposal requests reauthorization for RY2021.

Implementation of antlerless hunts began in 2007 and has continued each year due to increased moose abundance, productivity, and population growth along the Yukon River drainage in Unit 18. Based on the steady growth in moose populations and productivity, ADF&G proposes continued antlerless moose hunts in the Remainder of Unit 18.

Within the areas near the Yukon River, the moose population is estimated at a minimum of 17,000 animals with calf:cow ratios ranging from 65:100 to 75:100, and twinning rates from 20% to 50% for all areas. Population growth continues to be strong in this portion of Unit 18 and anecdotal evidence suggests that calf survival rates remain high. The population is expected to continue to grow with high recruitment and adult survival.

Although the current year harvest data in the Remainder of Unit 18 has not been finalized due to the early proposal deadline, we expect harvest to be similar to the past 4 years and well within sustained yield for this robust population. Allowing antlerless harvest will benefit hunters through increased opportunity, and any increases in harvest may help slow the growth rate of the population in this portion of Unit 18.

The moose population in the Goodnews River drainage had grown steadily in the past 15 following a closure in 2004. The fall hunt has had a quota of 10 in the first few years of the hunt and recently increased to 30. The season has not been closed by EO and the past few years the quota was not met. In the two years that the winter hunt has been held, harvest has been low (only 5 killed in RY2017 and none in RY2018). The population now is over 300 moose and based on the steady growth in moose populations and productivity, ADF&G proposes continued antlerless moose hunts in the Goodnews River Drainage.

**PROPOSED BY:** Alaska Department of Fish and Game (HQ-F20-047)

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