Proposal 77

Moose / Unit 14A & 14B

Reauthorize the antlerless moose draw permits in Unit 14A and 14B and increase permit levels in Unit 14A

Department Proposal

Department Recommendation: SUPPORT

Mat Valley AC Support (15-0)
Anchorage AC Support (0-0)

Bull or Calf: 100 Cows

Total Population

Bull: 100 Cow Calf: 100 Cow

Pop. Obj. 6,000 – 6,500

Bull: 100 Cow Obj. 20 -- 25

0 10 20 30 40 50 60 70 80 90 100
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

Regulatory Year

Bull:100 Cow Calf:100 Cow Total Population
Moose Draw Hunt Boundaries in GMU 14A

Area Description
- DM400 - Susitna River (north)
- DM401 - Susitna River (south)
- DM402 - Pt. MacKenzie
- DM403 - Big Lake
- DM406 - Bald. Mt. Ridge
- DM407 - Matanuska River (north)
- DM408 - Matanuska River (south)
- DM410 - Knik River
- YM412 - Pt. MacKenzie (youth)
- DM413 - Late Season Hunt - All 14A

Legend
- Fall Draw Hunt
- Palmer Wasilla Management Area
- Game Management Units
- Lakes
- Rivers

USGS/ADFG

Harvest Objective 360 – 750

<table>
<thead>
<tr>
<th>Regulatory Year</th>
<th>Series1</th>
<th>Series2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>379</td>
<td>157</td>
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<tr>
<td>2</td>
<td>396</td>
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<tr>
<td>3</td>
<td>274</td>
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<tr>
<td>4</td>
<td>395</td>
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<tr>
<td>5</td>
<td>478</td>
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<td>6</td>
<td>504</td>
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<tr>
<td>7</td>
<td>525</td>
<td>261</td>
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<tr>
<td>8</td>
<td>334</td>
<td>122</td>
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<tr>
<td>9</td>
<td>421</td>
<td>512</td>
</tr>
<tr>
<td>10</td>
<td>424</td>
<td>402</td>
</tr>
<tr>
<td>11</td>
<td>545</td>
<td>569</td>
</tr>
<tr>
<td>12</td>
<td>459</td>
<td>559</td>
</tr>
</tbody>
</table>
Unit 14A Twinning Surveys, 2011 – 2017

Regulatory Year

Total Road Mortality

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

167 298 155 387 305 219 273 245 345 247 229 354 226 272 353 357 357
Proposal 77

Moose / Unit 14A & 14B
Summary

- Increase permits from 1,000 to 1,500
- Population estimate is at 8,700
- Harvest avg. 974 annually RY13-RY16
- Twinning rate 27%
- Browse surveys in 2016 show a large amount of browse removal
- Population is believed to be stable at current harvest levels.
Reauthorize the antlerless moose draw permits in Unit 14A and 14B and increase permit levels in Unit 14A

Department Proposal

Department Recommendation: SUPPORT

Mat Valley AC  Support (15-0)
Anchorage AC  Support (10-0)
Authorize an Any bull draw permit hunt in Unit 14B

Department Proposal

Department Recommendation: Support

Mat Valley AC Support (15-0)
Current Regulation

• Spike /Fork, 50-inch or >3 brow tines on at least one side
• Aug. 10–17: Archery season for residents and non-residents
• Aug. 25–Sept. 25: General harvest for residents and non-residents
• AM415 Targeted hunt; up to 100 permits may be issued

Considerations

• 2013 GSPE 2,700 (pop object. 2,500–2,800)
• 30 Bull: 100 Cows (mgmt. goal >20:100)
• 2013-2016 avg. harvest = 91 (Obj. 100–200)
• 100 permits requested
• Neutral on allocation between residents and non-residents
Unit 14B Moose Population Parameters, 1999 – 2013

- **Objective**:
  - Lower Obj. 2,500
  - Upper Obj. 2,800

- **Bull: 100 cow Ratio**
  - Objective ≥20

- **Population Estimate**
  - Year 1: 1,687
  - Year 2: 1,413
  - Year 3: 1,662
  - Year 4: 2,700

- **Trends**
  - Year 1 to Year 2: Decrease
  - Year 2 to Year 3: Increase
  - Year 3 to Year 4: Increase

**Legend**
- Population Estimate
Authorize an any bull draw permit hunt in Unit 14B

Department Proposal

Department Recommendation: SUPPORT

Mat Valley AC  Support (15-0)
Modify the hunt structure for Dall sheep in Unit 14A

Public Proposal

Department Recommendation: NEUTRAL

Mat Valley AC

Oppose (3-12)
Current Regulation

- Bag Limit is any ram
- Area split into 3 sub-areas
- Season dates Aug. 10–25 or Aug. 26–Sept. 20
- Up to 100 Permits available (currently 75 permits annually)
- 10% of permits allocated to non-residents
What this proposal would do:

- Revert bag limit to full-curl
- Retain draw hunt and increase non-resident from 10% to 20% (RY 2019)
- Set these permits at 4 resident and 1 non-resident for the early and late seasons (30 permits in total)
- Aircraft are not allowed to be used for sheep hunting after Aug. 26th
- After 2 years change late season resident draw hunt to registration hunt and keep non-resident at draw (RY 2021)
- 2 years after that change non-resident draw hunt to registration hunt as well (RY 2023)
Benefits of an ‘Any ram’ draw hunt

• Good for new sheep hunters and any one concerned with judging a legal ram

• Reduces enforcement issues and prevents sheep being left on the mountain

• Current structure very popular, RY17 – 4,953 applications for 75 permits; 2nd only to Tok Management Area

• The initial reason for going to a draw hunt in 2007 was to address crowding. Draw hunt with split seasons and split hunt areas reduced complaints.
Unit 14A Chugach Sheep Hunter Participation and Success Rate, 2002 – 2017

- **Total Hunters**
- **Success Rate**

### Graph Details:
- **Series 1:** Blue bars
- **Series 2:** Red bars
- **Series 3:** Purple line

- **X-axis:** Regulatory Year (1 to 16)
- **Y-axis:** Total Hunters and Success Rate
<table>
<thead>
<tr>
<th>Survey Year</th>
<th>Total Rams Observed</th>
<th>≥ Full curl Rams Observed</th>
<th>≥ Full curl Harvested</th>
<th>% Full curl Harvested*</th>
<th>Sub-full curl Observed</th>
<th>Sub-full curl Harvested</th>
<th>% Sub-full curl Harvested</th>
</tr>
</thead>
<tbody>
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<td>218</td>
<td>28</td>
<td>38</td>
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<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>2002</td>
<td>276</td>
<td>19</td>
<td>32</td>
<td>168%</td>
<td>257</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>2006</td>
<td>167</td>
<td>26</td>
<td>35</td>
<td>135%</td>
<td>141</td>
<td>0</td>
<td>0%</td>
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<tr>
<td>2007</td>
<td>145</td>
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<td>2009</td>
<td>134</td>
<td>8</td>
<td>0</td>
<td>0%</td>
<td>126</td>
<td>11</td>
<td>9%</td>
</tr>
<tr>
<td>2010</td>
<td>167</td>
<td>14</td>
<td>3</td>
<td>21%</td>
<td>153</td>
<td>3</td>
<td>2%</td>
</tr>
<tr>
<td>2012</td>
<td>177</td>
<td>16</td>
<td>5</td>
<td>31%</td>
<td>161</td>
<td>8</td>
<td>5%</td>
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<tr>
<td>2013</td>
<td>168</td>
<td>11</td>
<td>7</td>
<td>64%</td>
<td>157</td>
<td>11</td>
<td>7%</td>
</tr>
<tr>
<td>2014</td>
<td>172</td>
<td>13</td>
<td>9</td>
<td>69%</td>
<td>155</td>
<td>9</td>
<td>6%</td>
</tr>
<tr>
<td>2017</td>
<td>254</td>
<td>14</td>
<td>7</td>
<td>50%</td>
<td>240</td>
<td>18</td>
<td>8%</td>
</tr>
</tbody>
</table>

*Percent full curl harvested is based on the number of full-curls seen during surveys prior to the hunting season.
Proposal 79  Dall Sheep / Unit 14A

Modify the hunt structure for Dall sheep in Unit 14A

Public Proposal

Department Recommendation: NEUTRAL

Mat Valley AC  Oppose (3-12)
Open a resident registration hunt for mountain goat in Unit 14A

Public Proposal

Department Recommendation: Neutral

Mat Valley AC Support (10-3-1)
Current Regulation
• Goat Draw Hunts DG890 (20 Permits) and DG891 (30 Permits)
• Season Dates Sept. 1–Oct. 15
• RG890 and RG891 (same areas) Oct. 1–Oct. 31 may be announced
  ○ Last registration hunt was in RY13

What this proposal would do:
• Retain draw goat hunts for non-residents only
• Issue 2 permits for DG890 and 3 permits for DG891
• Use RG890 and RG891 for residents only
• Set harvest goal at 6% of the total count of the latest aerial survey
Proposal 80

Mt. Goat / Unit 14A

Drawing Goat Hunt Boundaries

Legend
- Boundaries
- Rivers
- GMU

GMU 14A
DG/RG 890 & DG/RG 891
GMU 14A Goat Hunters and Success Rate, 1998 – 2016

- Total Hunters
- Success Rate (%)

Regulatory Year

Residents Non-residents Resident Success (%) Non-resident Success (%)
Unit 14A Chugach Goat Survey, 1998 – 2017

Year

Goats Observed

10
9
8
7
6
5
4
3
2
1

0
50
100
150
200
250
300
350
Considerations

• Original draw proposal in 2007 was from going over quota when general season sheep hunters were getting reg. permits (not as much of an issue now).

• Already has registration hunt back up which hasn’t been used lately.

• Almost 300 goats counted this year shows growing pop and not much conservation concern provided harvest stays reasonable.
Recommendation: Neutral; Allocative.

- Department is neutral on the allocative nature of this proposal. Recently the quota has been set to 12 goat points, giving 5 nonresident draw permits historically results in the harvest of 6 points in this hunt. This would effectively be a nonresident allocation over 50%.

- The Department prefers to set the harvest level based on trends and data available, not at a specific % of the most recent survey

- Nonresident draw and resident registration is in place in 14C
Open a resident registration hunt for mountain goat in Unit 14A

Public Proposal

Department Recommendation: Neutral

Mat Valley AC Support (10-3-1)
Increase the bag limit for brown bear and allow the harvest of brown bear at black bear bait stations in Unit 14A

Public Proposal

Recommendation: Neutral

Mat Valley AC

Support (14-0)
Current Regulation

- 1 Brown bear every 4 years
- Season Dates: Sept. 1 to May 31
- No brown bears over black bear bait stations

Considerations

- Could be unitwide, could be just west of Little Su River
- Changes limit to 1 a year and allows brown bear over bait (harder to do if just a part of the unit)
- Writers perception is that there are too many brown bears at black bear bait stations
- Very few DLP’s or nuisance complaints. No report of kill sites

<table>
<thead>
<tr>
<th>Regulatory Year</th>
<th>Total Harvest</th>
<th>Percent Females in Harvest</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>Series 1</td>
<td>Series 2</td>
</tr>
<tr>
<td>2008</td>
<td></td>
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<tr>
<td>2009</td>
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<td></td>
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<tr>
<td>2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Proposal 81

Brown Bear / Unit 14A

Legend
14A Drainages
Brown Bear

- 4 - 5 - 6

Unit 14A Brown Bear Harvest, 2012 - 2016

Game Management Units

Regulatory Year
1 2 3 4 5 6 7 8 9 10

Black Bear Harvest
Spring Bears Over Bait Spring Non-baited Bears Fall Bears

1 2 3 4 5 6 7 8 9 10
Proposal 81

Brown Bear / Unit 14A

Legend

14A Drainages
BlackBear

0
1 - 12
13 - 18
19 - 25
26 - 31
32 - 37
38 - 43

Game Management Units

Unit 14A Black Bear Harvest, 2012 - 2016
## Proposal 81

### Brown Bear / Unit 14A

#### Number of Bait Stations

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Bait Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>225</td>
</tr>
<tr>
<td>2013</td>
<td>243</td>
</tr>
<tr>
<td>2014</td>
<td>277</td>
</tr>
<tr>
<td>2015</td>
<td>242</td>
</tr>
<tr>
<td>2016</td>
<td>161</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1148</strong></td>
</tr>
<tr>
<td><strong>Average</strong></td>
<td><strong>229.6</strong></td>
</tr>
</tbody>
</table>

#### Total Hunters

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Successful Hunters</th>
<th>Hunters with 2 bears</th>
<th>Hunters with 3 bears</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>57</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2013</td>
<td>72</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>2014</td>
<td>55</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>2015</td>
<td>41</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>2016</td>
<td>46</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>271</strong></td>
<td><strong>14</strong></td>
<td><strong>1</strong></td>
</tr>
<tr>
<td><strong>Average</strong></td>
<td><strong>54.2</strong></td>
<td><strong>2.8</strong></td>
<td><strong>0.2</strong></td>
</tr>
</tbody>
</table>
Proposal 81

Brown Bear / Unit 14A

Game Management Units
14A & B

Legend
- Unit 14 Boundries
- Roads
- Lakes
- Rivers

14A - 2,561 sq. mi.
14B - 2,152 sq. mi.
Increase the bag limit for brown bear and allow the harvest of brown bear at black bear bait stations in Unit 14A

Public Proposal

Recommendation: Neutral
Proposal 82

Create a management area for the Mat-Su Borough’s Government Peak Recreation Area in Unit 14A

Public Proposal

Mat Valley AC Take No Action (9-5)
Considerations

• The area is currently closed to the discharge of firearms under 11 AAC 96.014(b)(3)(E)(i) as part of the Hatcher Pas Special Use Area Plan. Archery is allowed.

• The borough is concerned that people may not know the restriction exists and that hunters could endanger other recreation users.

• Writer seems to want these restrictions noted in the regulation booklet

• The department does not list non-F&G restrictions (i.e. Nancy Lakes)

• The Borough land which contains the northern and southern development areas does overlap with the Hatcher Pass Youth Hunt Area slightly.
Create a management area for the Mat-Su Borough’s Government Peak Recreation Area in Unit 14A

Public Proposal

Mat Valley AC  Take No Action (9-5)
Proposal 83

Change the antler restrictions for moose hunting in Unit 16A

Public Proposal

Department Recommendation: Neutral

Mat Valley AC  Support (13-1)
Mt Yenlo AC  Support (8-0)
Current Regulations
• Bag Limit; General Harvest with Spike/Fork, 50”, or ≥ 3 brow tines
• Aug. 10 – 17 Archery season
• Aug. – Sept. 25 General Season

Considerations
• Proposer would like to remove the “50” of the spike fork 50 or 3 brow tine regulation
• Area went to Spike-Fork, 50-inch, or >3 brow tines in 1993
• 11.7% of moose taken in 16A over past 25 years were over 50” but did not have 3 or more brow tines on one side
Unit 16A Total Moose Harvest, 2007 – 2016

Harvest Objective 190 - 360

<table>
<thead>
<tr>
<th>Regulatory Year</th>
<th>Harvest</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>85</td>
</tr>
<tr>
<td>2</td>
<td>90</td>
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<tr>
<td>3</td>
<td>117</td>
</tr>
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<td>4</td>
<td>126</td>
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<td>5</td>
<td>135</td>
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<td>6</td>
<td>78</td>
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<td>7</td>
<td>160</td>
</tr>
<tr>
<td>8</td>
<td>181</td>
</tr>
<tr>
<td>9</td>
<td>231</td>
</tr>
<tr>
<td>10</td>
<td>210</td>
</tr>
</tbody>
</table>
Unit 16A Moose Population, 1990 – 2017

Estimate without SCF = 5,968

Population Objective 3,500 – 4,000

Survey Year

Total Moose Population

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
Proposal 83

Moose / Unit 16A

Change the antler restrictions for moose hunting in Unit 16A

Public Proposal

Department Recommendation: Neutral

Mat Valley AC Support (13-1)
Mt Yenlo AC Support (8-0)
Proposal 84

Moose / Unit 16B

Raise the population objective for moose in Unit 16B

Public Proposal

Department Recommendation: Neutral

Mat Valley AC  Oppose (0-11)
Mt Yenlo AC    Support (8-0)
Tyonek AC      Oppose (0-5)
Considerations

- **Current population objective:** 6,500 – 7,500
- **Proposed objective:** 10,000 – 13,000
- **Currently within population objective, calf survival is good**
- **Without habitat information it would be difficult to say what the actual pop objective should be, but twinning info supports a higher number**
- **Will the impact of a severe winter be greater if the population is higher? (6,500 – 3,500 in early 00’s)**
## Moose / Unit 16B

<table>
<thead>
<tr>
<th>Survey Unit</th>
<th>IM Population Objective proportional to area (midpoint)</th>
<th>2014 Moose Population Estimate</th>
<th>Percent Recovery to Objective Midpoint</th>
</tr>
</thead>
<tbody>
<tr>
<td>16B-North</td>
<td>1,820–2,100 (1,960)</td>
<td>1,587</td>
<td>81%</td>
</tr>
<tr>
<td>16B-Middle</td>
<td>3,120–3,600 (3,360)</td>
<td>3,458</td>
<td>103%</td>
</tr>
<tr>
<td>16B-South</td>
<td>1,560–1,800 (1,680)</td>
<td>2,372</td>
<td>141%</td>
</tr>
<tr>
<td>Unit 16B</td>
<td>6,500–7,500 (7,000)</td>
<td>7,418</td>
<td>106%</td>
</tr>
</tbody>
</table>

Population Objective 6,500 – 7,500
Raise the population objective for moose in Unit 16B

Public Proposal

Department Recommendation: Neutral

Mat Valley AC  Oppose (0-11)
Mt Yenlo AC    Support (8-0)
Tyonek AC      Oppose (0-5)
Change the bag limit and lengthen the resident hunting season for moose in Unit 16B

Public Proposal

Department Recommendation: Neutral

Mat Valley AC  Support as Amended (7-4)
Tyonek AC      Support as Amended (5-0)
Mt Yenlo AC    Support (8-0)
Current Regulations

Residents
Spike/Fork, 50”, or 3 brow tines Dates: Aug. 20 - Sept. 25
Any Bull Draw DM540 (Up to 300 permits) Dates: Aug. 20 - Sept. 25
Youth Any Bull Draw YM541 (Up to 100 ) Dates: Aug. 20 - Sept. 25 and Nov. 15 - Jan. 31
One bull Tier II (Up to 260 permits) Dates: Dec. 15 – Mar. 31
Any Bull RM574 Registration Permit Dates: Dec. 15 – Last day of Feb.
Any Bull Draw Hunt (Up to 500 permits) Dates: Dec. 15 – Last day of Feb.

Non-residents
Spike/Fork, 50”, or 3 brow tines Dates: Aug 20 - Sept 25
Proposal Summary

- Ends DM540, YM541, and RM574 any bull draw hunts and institutes an any bull season from Aug. 20 – Sept. 30 (+5 days)
- Retains Tier II and mid-winter Any-bull draw hunt
- Mid-winter Any-bull hunt not currently being used
- Harvest objective 310 – 700; Avg. 318 (RY13-RY16)
- There are concerns that a general harvest any bull season so close to the population center would be unmanageable and could quickly result in too much harvest
Unit 16B Moose Harvest, 1984 – 2016

Harvest Objective 310 – 600

Total Harvest

Regulatory Year
Unit 16B Hunters and Harvest, 2007 – 2016

Harvest Objective 310 - 600
## Moose / Unit 16B

### Year Permit Number Total Permits Total Hunters Total Harvest Success Rate (%) General Season Hunters

<table>
<thead>
<tr>
<th>Year</th>
<th>Permit Number</th>
<th>Total Permits</th>
<th>Total Hunters</th>
<th>Total Harvest</th>
<th>Success Rate (%)</th>
<th>General Season Hunters</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>DM540</td>
<td>150</td>
<td>84</td>
<td>35</td>
<td>42%</td>
<td>626</td>
</tr>
<tr>
<td>2015</td>
<td>DM540</td>
<td>300</td>
<td>196</td>
<td>72</td>
<td>37%</td>
<td>517</td>
</tr>
<tr>
<td>2016</td>
<td>DM540</td>
<td>300</td>
<td>203</td>
<td>77</td>
<td>38%</td>
<td>701</td>
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<tr>
<td>μ</td>
<td></td>
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<td></td>
<td></td>
<td>38%</td>
<td>615</td>
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</table>

### Year Permit Number Total Permits Total Hunters Total Harvest Success Rate (%) General Season Hunters

<table>
<thead>
<tr>
<th>Year</th>
<th>Permit Number</th>
<th>Total Permits</th>
<th>Total Hunters</th>
<th>Total Harvest</th>
<th>Success Rate (%)</th>
<th>General Season Hunters</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014*</td>
<td>YM541</td>
<td>50</td>
<td>23</td>
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<td>35%</td>
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</tr>
<tr>
<td>2015*</td>
<td>YM541</td>
<td>100</td>
<td>49</td>
<td>16</td>
<td>33%</td>
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<tr>
<td>2016</td>
<td>YM541</td>
<td>100</td>
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<td>17</td>
<td>34%</td>
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</tr>
<tr>
<td>μ</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>34%</td>
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</tr>
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</table>

* Season Dates: Nov 15- Dec 15
Proposal 85

Moose / Unit 16B

Change the bag limit and lengthen the resident hunting season for moose in Unit 16B

Public Proposal

Department Recommendation: Neutral

Mat Valley AC  Support as Amended (7-4)
Tyonek AC  Support as Amended (5-0)
Mt Yenlo AC  Support (8-0)
Proposal 86

Black Bear / Unit 16

Shorten the season for black bear baiting in Unit 16

Public Proposal

Department Recommendation: Neutral

Mat Valley AC    Oppose (0-11)
Mt Yenlo AC      Support (8-0)
Tyonek AC        Oppose (0-5)
Current Regulations

• Bag Limit: 3 bears; No closed season
• Baiting Allowed outside of Denali State Park from July 1 – October 15 & April 15 – June 30
• 2 Bait stations allowed per permit
• 10 bait stations allowed per guide us area

Considerations

• Proposal would end fall baiting season for black bear; brown bear (?)
• Black bears in Unit 16 were part of Predator Control Program from 2007 to 2016
• Fall baiting allowed in 2007; Season dates: Aug. 10 to Oct. 15
• Baiting extended in 2009 to July 1 to Oct. 15
• 2007 estimate showed 3,500 ± 300 black bears in Unit 16B
• Reduction goal was to 600-800 black bears within the PCA
Number of Bears Harvested

Unit 16 Black Bear Harvest, 2000 – 2016

<table>
<thead>
<tr>
<th>Regulatory Year</th>
<th>Series1</th>
<th>Series2</th>
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</thead>
<tbody>
<tr>
<td>2000</td>
<td>119</td>
<td>56</td>
</tr>
<tr>
<td>2001</td>
<td>105</td>
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<td>2008</td>
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<td>2009</td>
<td>339</td>
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<td>2017</td>
<td>178</td>
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</table>
Unit 16 Black Bear Harvest by Bait and Season, 2000 – 2016

Regulatory Year

Number of Bears Harvested

Fall Non-Bait
Fall Bait
Spring Non-Bait
Spring Bait
Proposal 86

Black Bear / Unit 16

Shorten the season for black bear baiting in Unit 16

Public Proposal

Department Recommendation: Neutral

Mat Valley AC  Oppose (0-11)
Mt Yenlo AC  Support (8-0)
Tyonek AC  Oppose (0-5)
Proposal 87

Brown Bear / Unit 16

Prohibit the harvest of brown bears at black bear bait stations in Unit 16

Public Proposal

Department Recommendation: Neutral

Mat Valley AC  Oppose (0-11)
Mt Yenlo AC   Support (8-0)
Tyonek AC     Oppose (0-5)
Current Regulations

• Bag limit is 1 bear/year in 16A and 2 bears/year in 16B
• Brown bears may be taken at bear bait stations (same dates as black bear baiting)
• No closed season except within 1 mile of the mouth of Wolverine Creek (Sept. 15 – May 31)
• 2 Bait stations allowed per permittee
• 10 bait stations allowed per guide use area

Background

• Brown bear harvest at black bear bait stations began in 2013
• Average harvest of brown bears (2003-2012) was 117
• Average harvest since baiting began in Unit 16 was 114 (2013-2016)
• Population estimate in 2007 was 937 ± 313
• Goal was to reduce the population by 60%
UNIT 16 BROWN BEAR HARVEST, 1990 – 2016

- 1 Bear every 4 years in 16A & 16B
- 1 Bear / year in 16B
- 2 Bears / year 16B
- Predator Control in 16B
- Brown bear baiting allowed
Unit 16 Brown Bear Harvest by Bait and Season, 2013 – 2016

<table>
<thead>
<tr>
<th>Regulatory Year</th>
<th>Non Bait Harvest</th>
<th>Spring Bait Harvest</th>
<th>Fall Bait Harvest</th>
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</thead>
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<tr>
<td>1</td>
<td>91</td>
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<td>2</td>
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<td>3</td>
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<td>4</td>
<td>53</td>
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## Proposal 87

**Brown Bear / Unit 16**

**Prohibit the harvest of brown bears at black bear bait stations in Unit 16**

**Public Proposal**

**Department Recommendation: Neutral**

<table>
<thead>
<tr>
<th>Group</th>
<th>Position</th>
<th>Votes</th>
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<tr>
<td>Mat Valley AC</td>
<td>Oppose</td>
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<tr>
<td>Mt Yenlo AC</td>
<td>Support</td>
<td>8-0</td>
</tr>
<tr>
<td>Tyonek AC</td>
<td>Oppose</td>
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</table>
Proposal 88

Brown bear / Unit 16

Shorten the season and reduce the bag limit for brown bear in Unit 16

Public Proposal

Department Recommendation: Neutral

Mat Valley AC  Oppose (0-11)
Mt Yenlo AC  Support (8-0)
Tyonek AC  Oppose (0-5)
Current Regulations

• No closed season except within 1 mile of the mouth of Wolverine Creek (Dates: September 15 to May 31)

• Bag limit 1 brown bear per year in 16A, 2 brown bears per year in 16B

• Bears taken in the Unit 16B may be sold after sealing.
Unit 16 Brown Bear Harvest and % Female by Regulation Type, 2000 – 2016

1 Bear every 4 years in 16A
1 Bear/year in 16A
1 Bear/year in 16B
2 Bears/year in 16B
No closed season in 16A & 16B

Total Brown Bear Harvest

Regulatory Year

Harvest
Predator Control
Percent Females
<table>
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<tr>
<th></th>
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<td>135</td>
<td>119</td>
<td>91</td>
<td>113</td>
<td>121</td>
<td>105</td>
<td>94</td>
</tr>
<tr>
<td># Hunters who Harvested &gt;2 Bears</td>
<td>4</td>
<td>4</td>
<td>2</td>
<td>4</td>
<td>3</td>
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<td>7</td>
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<td>4</td>
<td>2</td>
<td>4</td>
<td>1</td>
</tr>
</tbody>
</table>

Unit 16 brown bear hunters who harvested 2 bears in a regulatory year, 2005-2016.
Proposal 88

Shorten the season and reduce the bag limit for brown bear in Unit 16

Public Proposal

Department Recommendation: Neutral

Mat Valley AC  Oppose (0-11)
Mt Yenlo AC    Support (8-0)
Tyonek AC      Oppose (0-5)
Proposal 89

End the predator control program for black and brown bear in Unit 16

Public Proposal

Department Recommendation: Neutral

Mat Valley AC  Oppose (0-11)
Mt Yenlo AC   Support (8-0)
Tyonek AC     Oppose (0-5)
Predator Control Areas
GMU 16

Legend
- Unit 16 PCA boundary
- Roads
- Brown Bear Removal Area
- Land closed to SDA
- Game Management Units
- Lakes
- Rivers

Map Projection: Alaska's Albers Equal Area Conic (WS 5984)
Data Sources: ADFG, USGS, BLM, AK DNR, DOT
Alaska Department of Fish & Game
Date: January 14, 2013
Current Regulations; Suspended

- All black bears are legal, including sow with cubs, and cubs; no limit
- A permit is required; residents only, ≥ 16 years old
- Permittees may use snares; requires permit and class
- Helicopters may be used to transport permittees and bears with a permit
- Brown bears caught in black bear snares outside of the brown bear control area (BBCA) must be reported to the department; the department will decide to release or direct the permittee to take the bear
- Brown bears may be taken in the BBCA; permit required, residents only, ≥ 16
- All brown bears are legal, except cubs of the year and sows accompanied by cubs of the year

* Both brown bear and black bear control programs were suspended starting in January of 2016.
End the predator control program for black and brown bear in Unit 16

Public Proposal

Department Recommendation: Neutral

Mat Valley AC: Oppose (0-11)
Mt Yenlo AC: Support (8-0)
Tyonek AC: Oppose (0-5)
Allow the harvest of beaver by firearms under a trapping license in Unit 16

Mat Valley Advisory Committee Proposal

Department Recommendation: Neutral

Mat Valley AC: Support (11-0)
Mt Yenlo AC: Oppose (0-8)
Tyonek AC: Support (5-0)
Current Regulations

- Season dates: Sept. 25 – May 31
- No Limit
- No sealing requirement
- Only steel trap or snare allowed
- From Sept 25 – November 9 only submerged traps and snares allowed

Considerations

- No biological concern
- Fewer trappers and low fur prices result in lower take overall
- Some concern about the ability to recover beaver after they have been shot
- Similar proposal failed in statewide BOG meeting
Proposal 90

Allow the harvest of beaver by firearms under a trapping license in Unit 16

Mat Valley Advisory Committee Proposal

Department Recommendation: Neutral

Mat Valley AC: Support (11-0)
Mt Yenlo AC: Oppose (0-8)
Tyonek AC: Support (5-0)
Proposal 67B

Review and update regulations to comply with statutory changes – HB137 in 2017

Department: Support

Department proposal
(vii) taking of bears by foot snaring by permit only from April 15 through October 15; permittees must be accompanied by another person, age 18 [16] or older, when conducting foot snaring activities in the field; foot snaring permits will be issued at the discretion of the department based on previous trapping experience, ability to help train other participants, and length of time available for participation in a snaring program; a selected foot snaring permittee must successfully complete a department-approved training program, must be a resident 18 [16] years of age or older, and report all animals taken by the permittee to the department within 48 hours of taking;
(B) from August 10 to August 25, the area is closed to small game hunting except that small game may be taken by a youth hunter 18 [16] years old or younger accompanied by a licensed hunter 18 years old or older who has successfully completed a certified hunter education course if the youth hunter has not successfully completed a certified hunter education course.
(b) standard .22 caliber rimfire firearm and shotgun only, in that portion of the area west of ... during each Saturday and Sunday from November 1 through December 31 and the Friday following Thanksgiving day, by youth hunters 18 [16] years old or younger accompanied by a licensed hunter 18 years old or older who has successfully completed a certified hunter education course if the youth has not successfully completed a certified hunter education course;
Proposal 67B

Review and update regulations to comply with statutory changes – HB137 in 2017

Department: Support

Department proposal