



CUSTOMARY AND TRADITIONAL USE WORKSHEET, Moose Unit 15C (portion)

Prepared by:
Division of Subsistence
Alaska Department
of Fish and Game

Prepared for:
Alaska Board of Game
Anchorage, Alaska
March 14–19, 2019

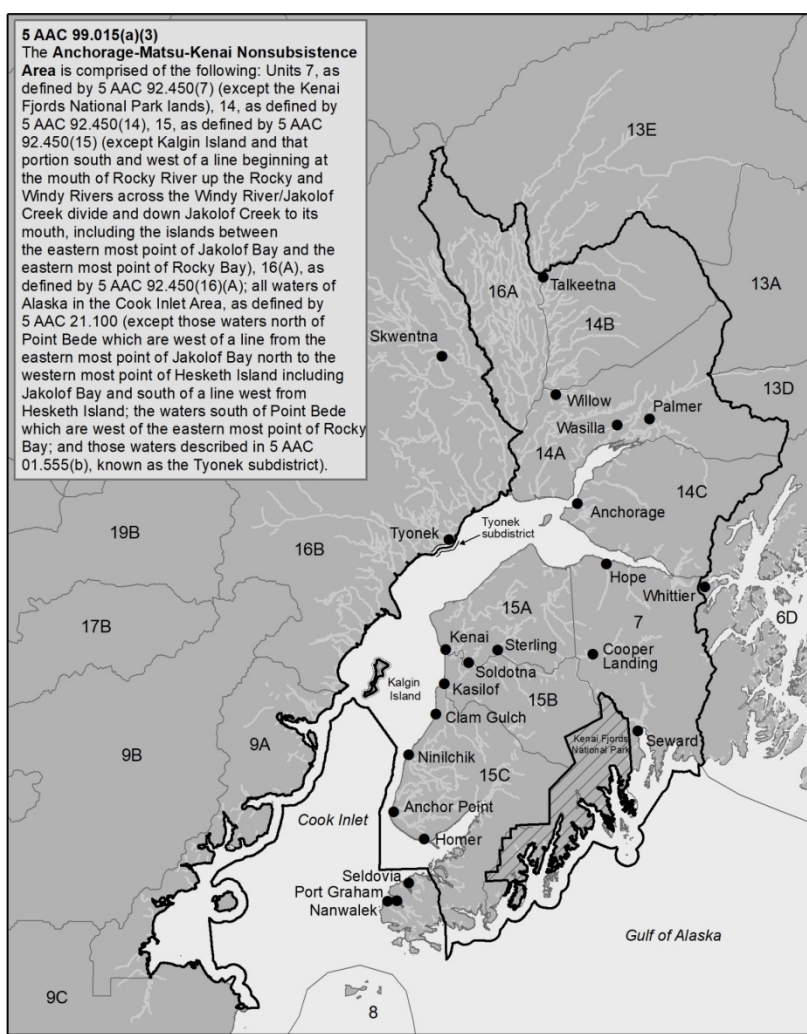
Related C&T History

- **1987**
 - Positive C&T Nanwalek and Port Graham
- **1989**
 - Seldovia negative C&T finding
- **1990**
 - Tier II hunt (TM 549) established (Nanwalek and Port Graham)
- **1992/1993**
 - BOG review of C&T findings and subsistence regulations (amended 1992 state subsistence law)
 - Positive C&T for Nanwalek & Port Graham readopted
 - No reexamination of uses of moose in remainder of 15C
 - Seldovia negative finding not adopted into regulation
- **Currently**

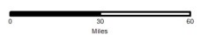
No C&T finding for a **Portion** of Unit 15C outside the Anchorage-Matsu-Kenai Nonsubsistence Area



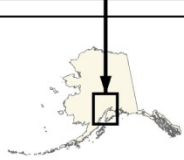
5 AAC 99.015(a)(3)
The Anchorage-Matsu-Kenai Nonsubsistence Area is comprised of the following: Units 7, as defined by 5 AAC 92.450(7) (except the Kenai Fjords National Park lands), 14, as defined by 5 AAC 92.450(14), 15, as defined by 5 AAC 92.450(15) (except Kalgin Island and that portion south and west of a line beginning at the mouth of Rocky River up the Rocky and Windy Rivers across the Windy River/Jakolof Creek divide and down Jakolof Creek to its mouth, including the islands between the eastern most point of Jakolof Bay and the eastern most point of Rocky Bay), 16(A), as defined by 5 AAC 92.450(16)(A); all waters of Alaska in the Cook Inlet Area, as defined by 5 AAC 21.100 (except those waters north of Point Bede which are west of a line from the eastern most point of Jakolof Bay north to the western most point of Hesketh Island including Jakolof Bay and south of a line west from Hesketh Island; the waters south of Point Bede which are west of the eastern most point of Rocky Bay; and those waters described in 5 AAC 01.555(b), known as the Tyonek subdistrict).



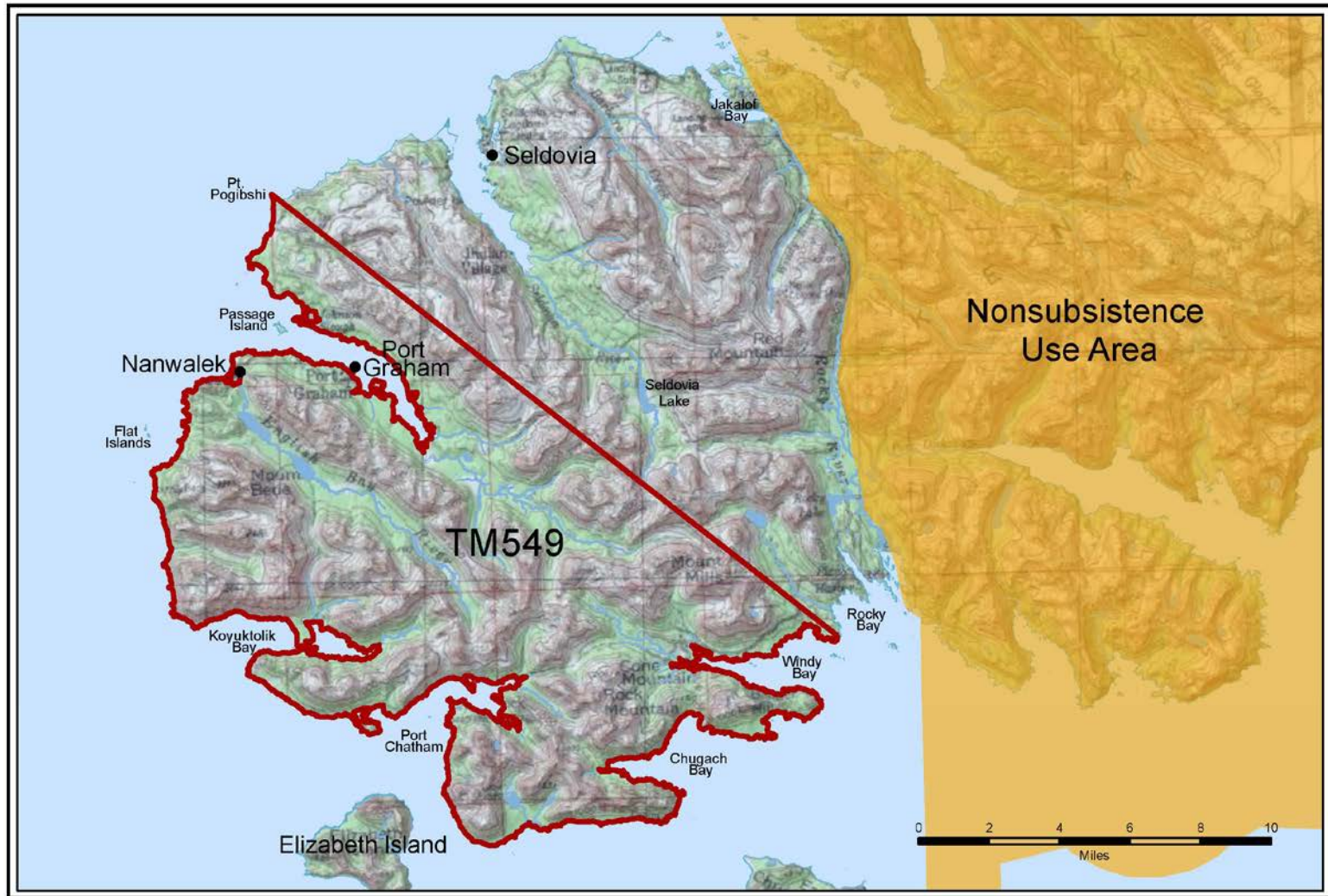
Anchorage-Matsu-Kenai Nonsubsistence Use Area



- Tyonek Subdistrict
- Nonsubsistence Use Area
- Game Management Unit
- Kalgin Island: Open to subsistence use
- Kenai Fjords Nat'l Pk (closed to all subsistence use)



TM549 Tier II Hunt Area



Criterion 1: Length and Consistency of Use

- Nanwalek residents:
 - 1987: 58% reported using moose (est. harvest = 1)
 - 1992: 75% reported using moose (est. harvest = 3)
 - 2014: 20% reported using moose (est. harvest = 0)

- Port Graham residents:
 - 1987: 61% reported using moose (est. harvest = 1)
 - 2003: 70% reported using moose (est. harvest = 2)
 - 2014: 68% reported using moose (est. harvest = 3)

- Seldovia residents:
 - 1975: 9 hunters harvested 2 moose (harvest ticket data)
 - 1977: 12 hunters harvested 5 moose (harvest ticket data)
 - 1991: 36% reported using moose (est. harvest = 12)
 - 2014: 56% reported using moose (est. harvest = 8)

Note: Division of Subsistence comprehensive surveys are not conducted every year in every community.



Criterion 1: Length and Consistency of Use

	Total	
	Hunters	Harvest
2008	7	0
2009	7	1
2010	10	0
2011	5	1
2012	6	0
2013	5	0
2014	3	1
2015	3	1
2016	4	1
2017	1	0
2018	1	0
Total	52	5

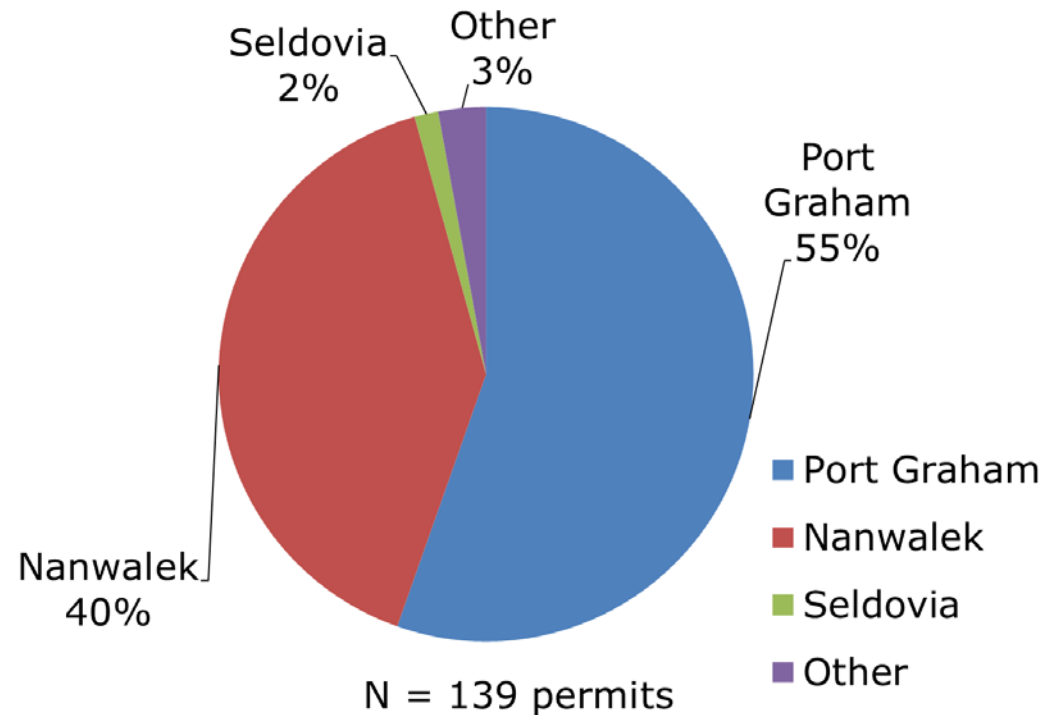


Criterion 1: Length and Consistency of Use

Tier II hunts 1990–2018

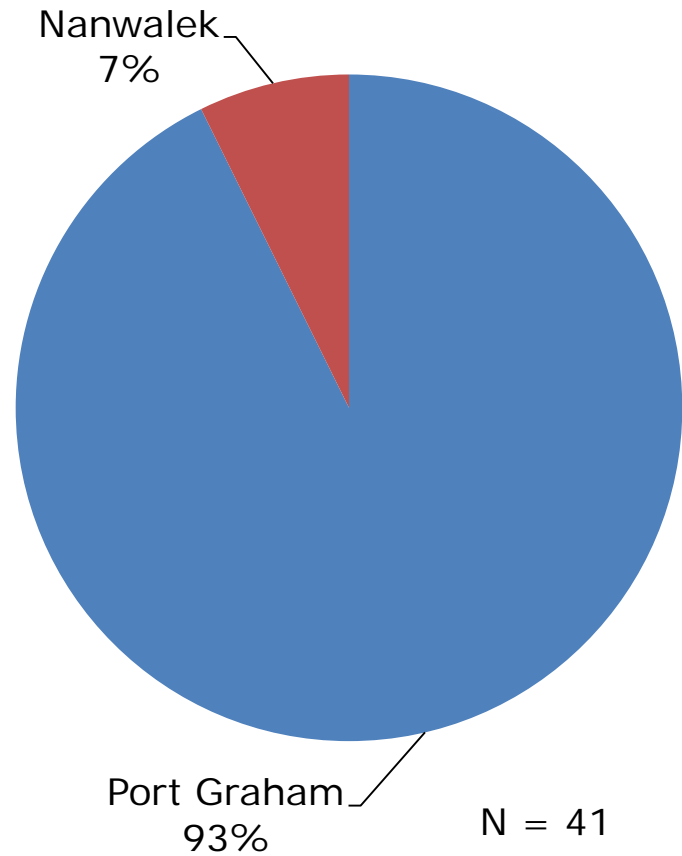
- Annual averages
 - 22 applicants
 - 4.8 permits awarded (21.7% success rate)
 - 1.4 moose
- Port Graham residents harvested 36 of 41 moose (88%)

Permits Awarded by Place of Residence
1990/91–2018/19



Criterion 1: Length and Consistency of Use

Permits by Place of Residence 2009/10–2018/19



Tier II hunts 2009–2018

- Port Graham hunters harvested all moose (22 moose; 2.2 moose/year)



Criterion 2: Seasonality

- 1980s: elders in Port Graham and Nanwalek recall hunting moose over longer periods of time during the year, including fall.

- Recently: moose hunting seasons in Unit 15C in September.
 - 2018/19 Seasons:
 - 15C Tier II: August 15–September 30
 - 15C remainder: September 1–September 25.



Criterion 3: Efficient Means and Methods of Harvest and Economy of Cost

- Seldovia residents:
 - Vehicle on the local road system;
 - Boat;
 - ATV.
- Nanwalek and Port Graham residents:
 - Skiffs;
 - ATVs;
 - On foot.
- More distant areas (within the nonsubsistence area) are accessed by:
 - Commercial fishing boats;
 - Other boats;
 - Highway vehicles from Homer;
 - Planes.

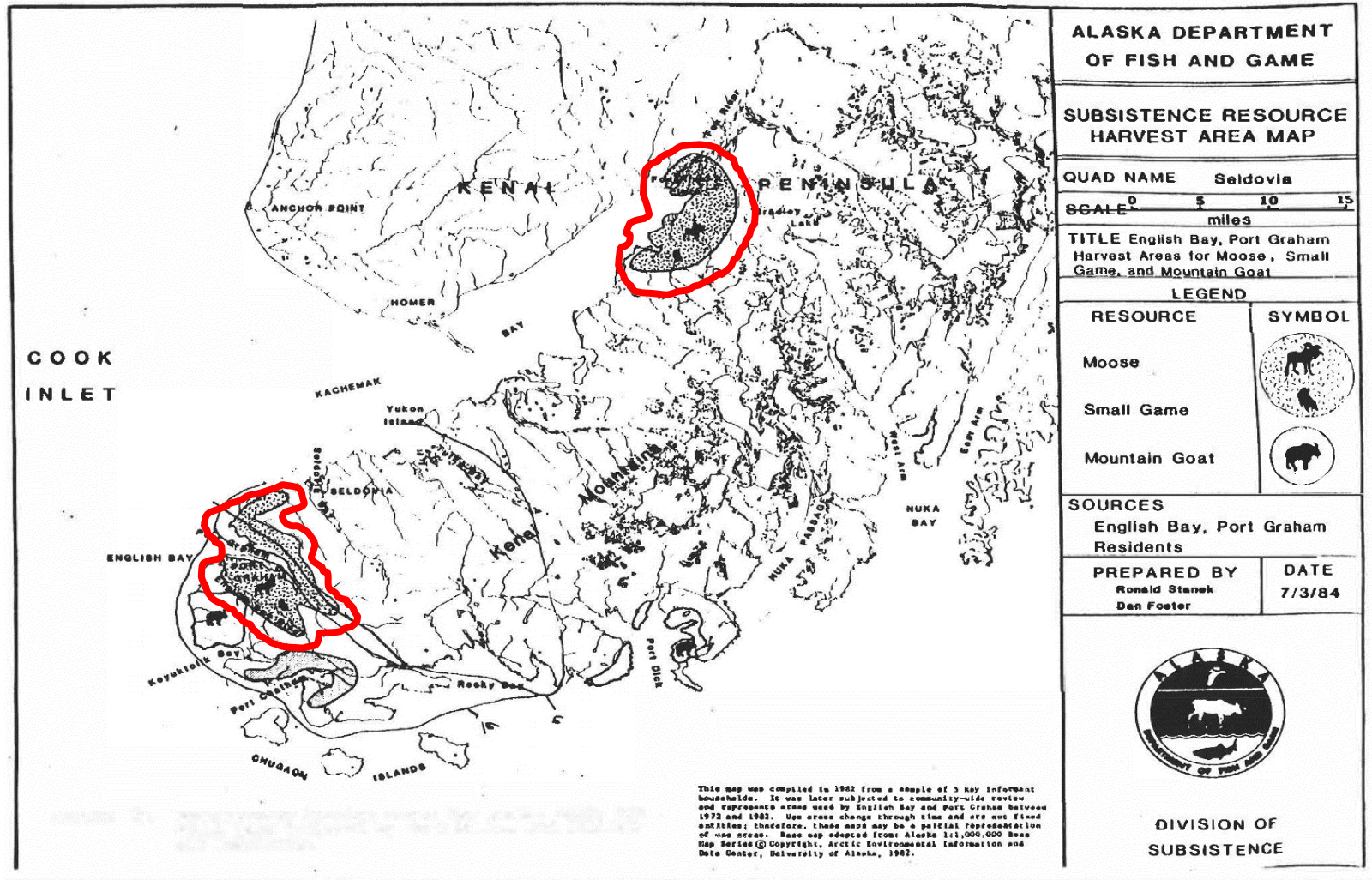


Criterion 4: Geographic Areas

- Seldovia residents 1983–1987
 - Unit 15C: primary use area
 - Units 13, 9, 15A, 16: additional use areas
- Seldovia residents 2008–2017
 - Units 13, 15, & 20: primary use area
 - Unit 16 additional use area
- Port Graham & Nanwalek residents 1970s and 1980s
 - Unit 15C use area
- Port Graham residents 2014
 - Unit 15C use area



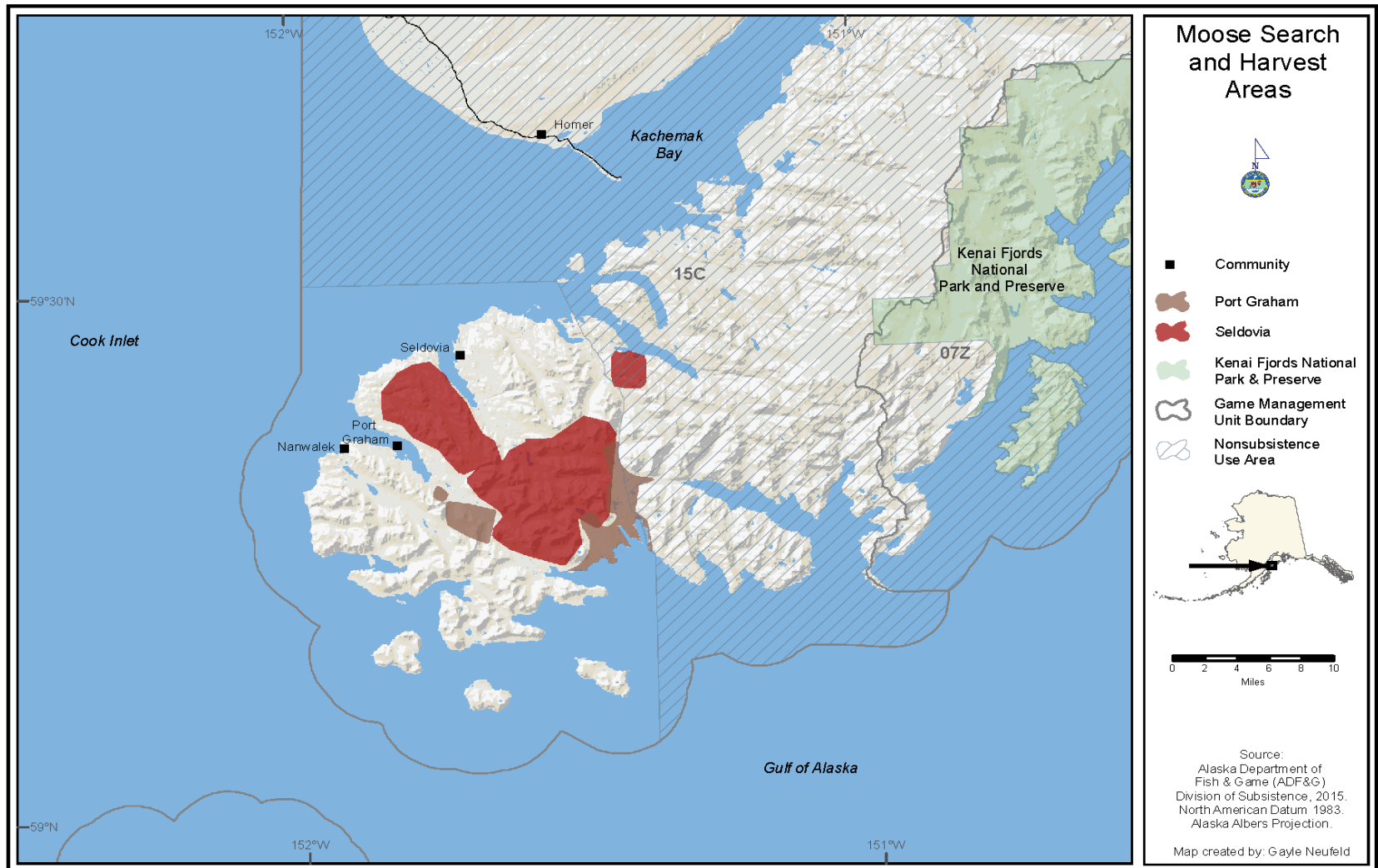
Criterion 4: Geographic Areas



Historical moose harvest and use areas, Port Graham and Nanwalek



Criterion 4: Geographic Area



Criterion 5: Means of Handling, Preparing, Preserving and Storing

- Nanwalek and Port Graham
 - In the past:
 - Stripped and dried into jerky;
 - Smoked;
 - Hung in caches and preserved out-of-doors in cold.
 - By the 1980s,
 - Some smoked and dried;
 - Most frozen.

- Seldovia
 - Likely similar, little specific information available;
 - In the past some game was smoked;
 - Today, likely mostly frozen.



Criterion 6: Intergenerational Transmission of Knowledge, Skills, Values, and Lore

- Nanwalek and Port Graham:
 - Hunting parties often multi-generational;
 - All ages participate in processing.
- Seldovia (Mid-1980s):
 - Long-term residents with long histories of harvest and use in general;
 - General harvest groups often family members or commercial fishing crews;
 - No specific information available about moose.



Criterion 7: Distribution and Exchange

Extensive sharing networks exist in the communities

- 1982 Seldovia:
 - 1 household harvested a moose *while*
 - 40% of households (hhs) used moose.

- 1987 Nanwalek & Port Graham:
 - 55% Nanwalek of hhs received;
 - 59% of Port Graham hhs received.

- 1991 Seldovia:
 - 27% of hhs received.

- 2014:
 - 20% of Nanwalek hhs received;
 - 63% of Port Graham hhs received;
 - 52% of Seldovia hhs received.



Criterion 8:

Diversity of Resources in Area; Economic, Cultural, Social, and Nutritional Elements

- Diverse resource use:
 - Salmon
 - Other fish
 - Shellfish
 - Marine mammals
 - Birds
 - Land mammals
 - Wild plants

- Total average harvests (2014):
 - 138 lb per person—Seldovia
 - 218 lb per person—Port Graham
 - 253 lb per person—Nanwalek



Questions?



ADF&G photo library



Presentation of the following slide (ANS Options) is contingent upon the board making a positive C&T finding and requesting ANS information from the Division of Subsistence. The information is not intended to imply any particular board finding.



ANS Options

- **ANS options:**
 - **Option A**: ANS range of 1–2 moose
 - Range of Alaska resident harvests
 - Based on harvest tickets over last 10 years.
 - **Option B**: ANS range of 2–4 moose
 - Harvests by Seldovia residents
 - Using most recent survey data, for 2014, based on a 75% sample of Seldovia households.
- **Regulatory options A–F:**
 - C&T worksheet appendix A

