

Caribou Technical Session – KivlA position to NPC



Kivalliq Inuit Association
Draft Nunavut Land Use Plan
Technical Meeting 4
Nunavut Planning Commission
Iqaluit, March 2016

Management of caribou



- Based on IQ and science related to caribou ecology and vulnerability to disturbance
- Acknowledge balance caribou protection and economic development



Risk categories

| Season | Risk Category | Timing ¹ | Relative size and location predictability | Caribou susceptibility and behaviour |
|--------------------------------------|---------------|---------------------|---|---|
| Spring migration (pre-calving) | Cautionary | Apr - Jun | Narrow, predictable | Narrow corridors of cows often rapidly moving together with occasional staging in large aggregations |
| Calving (extent of calving) | Crucial | Jun | Small area, predictable | High densities of cows at annually lowest part of condition cycle and with newborn calves so the cows are responsive to disturbances |
| Post-calving/ summer (insect season) | Crucial | Late Jun - Aug | Larger, less predictable | Cows and calves aggregating into large groups; calves susceptible to abandonment from disturbance; aggregations susceptible to disturbance at traditional water crossings |
| Late summer/ pre-rut | Cautionary | Aug - Oct | Larger, less predictable | Caribou often more dispersed and regaining body condition prior to breeding; aggregations susceptible to disturbance at traditional water crossings |
| Fall migration/ rut | Low | Oct - Nov | Larger, less predictable | Caribou either migrating or staging; aggregations susceptible to disturbance at traditional water crossings |
| Winter | Low | Dec - Apr | Larger, less predictable | Caribou in aggregations over a large area and less movement |

Core calving areas



- Core areas used by calving and immediately post-calving caribou (extent of calving)
- Provided **Protected Area** status
- Likely consistent with mapping proposed by GN in June 2015 submission to NCP

Core calving areas



- Core calving areas that overlap High Mineral Potential – **Special Management Area** status, within which proposed Kivalliq Mobile Caribou Conservation Measures (MCCM) will be applied
- Within 25 km buffer around core calving areas apply mobile protection measures as per MCCM

Water crossings



- Immediate area around identified water crossings should be within year-round **Protected Areas**
- 10 km radius zone around crossing within which **mobile protection measures** would be applied
- Water crossing database requires updating

Other seasonal ranges



- Post-calving/summer, Late summer/pre-rut, Fall migration/rut, Winter, and Spring migration
- Apply **mobile protection measures** with different criteria and timing for different seasons

Major transportation corridors and infrastructure



- E.g., the Nunavut-Manitoba Road
- Should be granted **Special Management Area** status with appropriate (and if required, stringent) mobile protection measures applied