



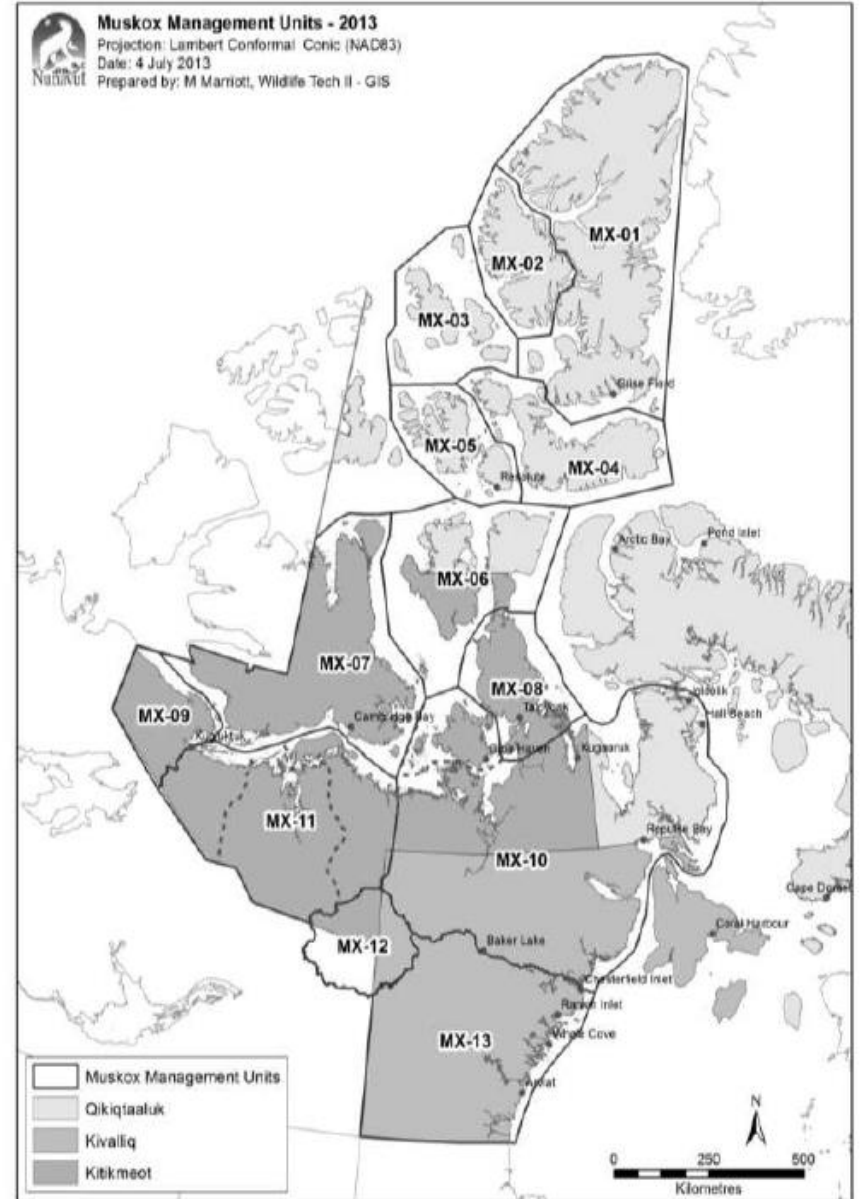
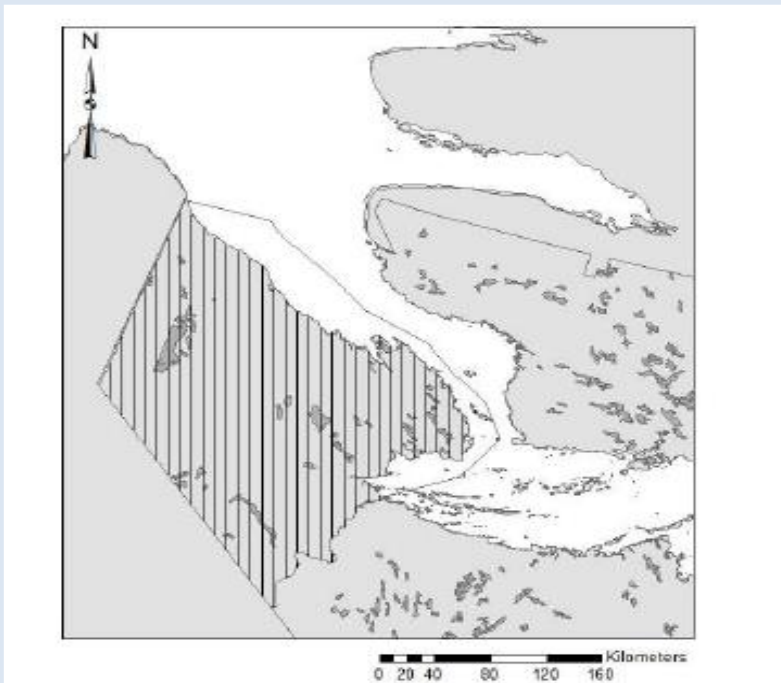
# Kugluktuk HTO

## June, 2019



# Survey Area

- MX-09, last estimate of 2007 was 598 muskoxen, with 159 adults on transect.
- Concerns, hunters seem to go harvesting muskox in the area to compensate for the lack of caribou.



# Monitoring

- Survey completed on August 25 to September 02, 2017 (16% coverage)
- 103 adults counted and 87 on transect
- 58% of the groups were small groups, of 2 to 11 adults
- The calf to adult muskox ratio was 38 calves/100 adults

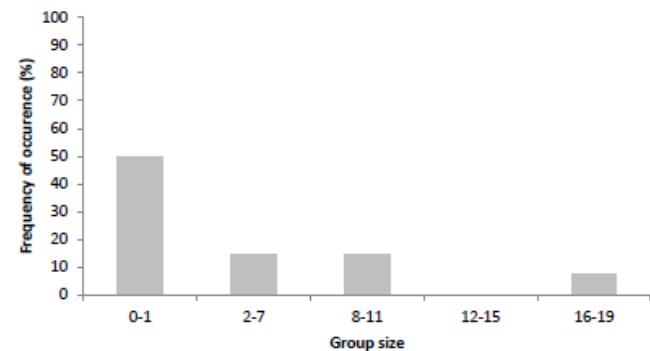
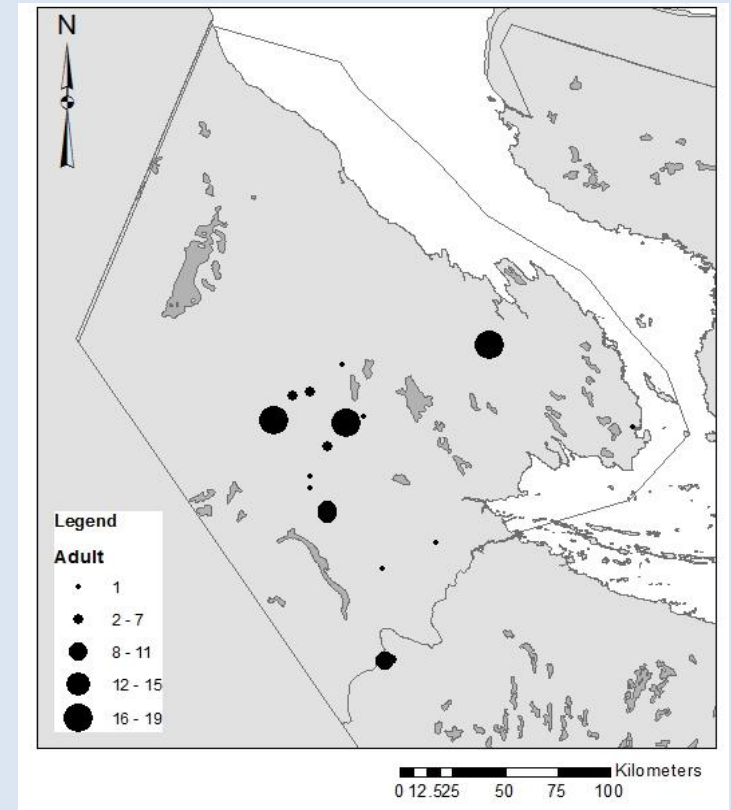
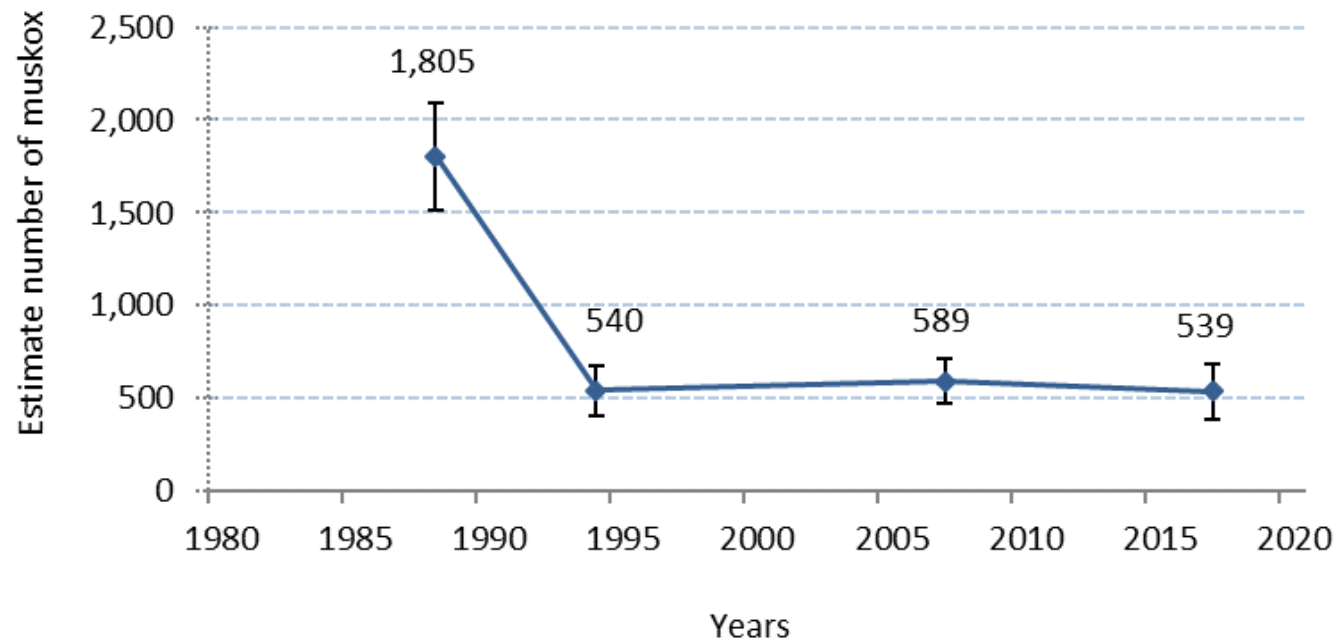


Figure 5: Frequency of occurrence (%) of adult muskox number per group size, grouped as follow 0-1, 2-7, 8-11, 12-15, and 16-19.

# MX09, 2017 population estimate

Muskox number seems to be stable, since 1995,  
with an estimate of  
 $539 \pm 150$  SE



# Predators

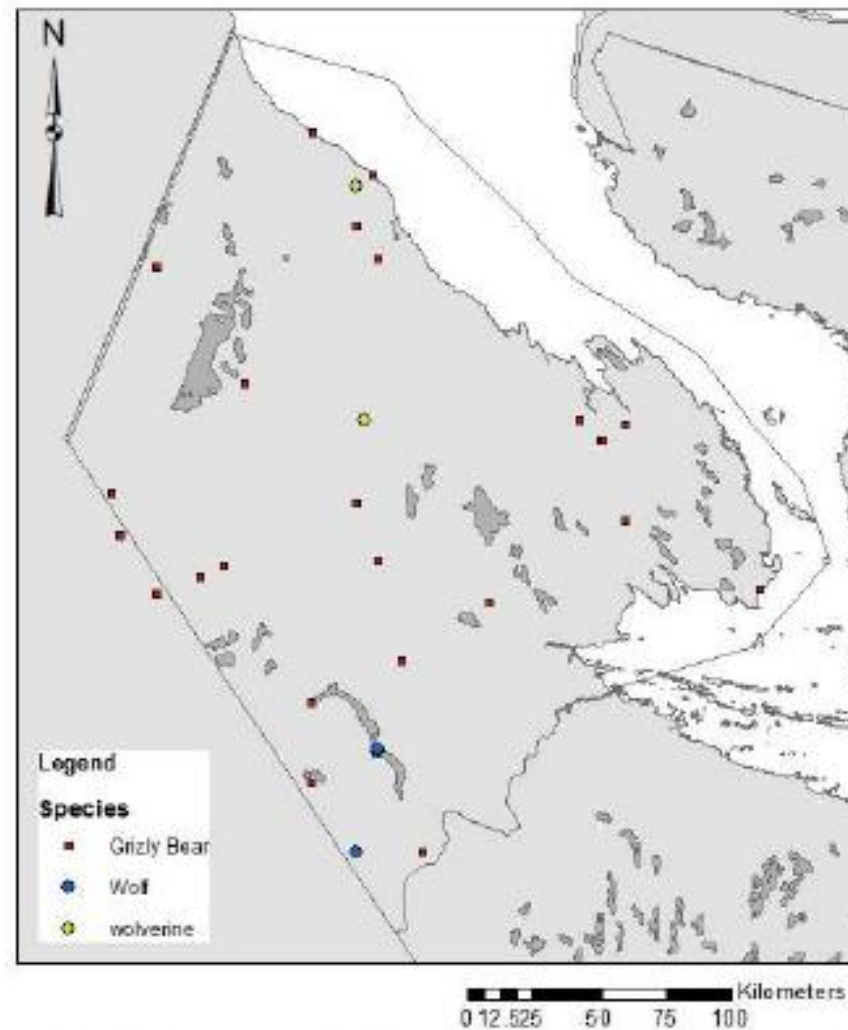


Figure 7: Locations of Wolf, Wolverine, and Grizzly Bear observations in the Muskox Management Unit MX-09.

# Managements - Discussion

**What is the HTO's management objective?**

**Are all tags being filled?**

**What is the community need?**





## Government of Nunavut recommendations

Based on survey results and community and HTO consultations, the following, current recommendation is made for managing muskoxen in Muskox Management Unit MX-09:

*The Department of Environment is recommending to the Nunavut Wildlife Management Board to maintain a TAH of 20 for the Muskox Management Unit MX-09.*