



















## ᐃᓄᓗᑦᑖᑦ ᐅᖃᖃᑦᑎᖃᖃᑦ

ᐅᓂᓗᖃ: ᐃᓗᑎ 23, 2019 7-ᑦᑖ 9-ᑦᑖ ᐅᓂᓄᖃᖃᑦ ᖃᑭᑦᑎᖃᑦ

ᐱᖃᑦᑖᑦ: ᐅᐱᑦᑖᑦᑎᖃᑦᑖᑦᑖᑦ ᐅᑦᑎᖃᑦ ᑦᑎᑎᓄᖃ, MX-08

### ᐊᑦᑎᑦᑎᖃᑦᑖᑦ:

- ᐱᑦᑎᖃᑦᑎᖃᑦᑖᑦ ᓄᓂᑦᑎᖃᑦ, ᖃᑎᐅᓗᑦᑎᖃᑦᑖᑦᑖᑦ Boothia ᓄᓄᐊᓄᑦ ᖃᑎᐅᓄᑦᑖᑦᑖᑦ ᖃᑦᑦᑦᑦ ᐅᑦᑎᖃᑦᑖᑦᑎᖃᑦᑖᑦ. MX/08, Boothia ᓄᓄᐊ, ᑭᖃᑦᑖᑦᑖᑦᑖᑦ ᓄᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ 2006-ᑦᑖ, 1100-ᖃᑦᑖᑦ ᓄᖃᑖᑦᑖᑦᑖᑦ 158 ᐃᓂᓄᐊᑦ ᐅᑦᑎᖃᑦᑖᑦᑖᑦ ᑎᑎᖃᑦᑖᑦᑖᑦᑖᑦᑖᑦ. ᖃᑎᐅᓄᑦᑖᑦᑖᑦ, ᑖᓗᑦᑖᑦᑖᑦᑖᑦ ᐃᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᐅᑦᑎᖃᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑎᑎᖃᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑎᑎᖃᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ, ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ 2006-ᑦᑖ, ᐅᑦᑎᖃᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ. ᑖᑖᑦᑖᑦᑖᑦᑖᑦ ᓄᖃᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦ 5-ᑦᑖ 13-ᑦᑖ, 2017-ᑦᑖ. ᓄᖃᑖᑦᑖᑦᑖᑦ, ᓄᖃᑖᑦᑖᑦᑖᑦᑖᑦ 702 ᐃᓂᓄᑦᑖᑦ ᑎᑎᖃᑦᑖᑦᑖᑦᑖᑦ. 41%-ᖃᑦᑖᑦ ᑎᑎᖃᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ, ᖃᑭᑦᑖᑦᑖᑦᑖᑦᑖᑦ, ᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑎᑎᖃᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ 7-ᓄᑦ ᑎᑎᖃᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ 19-ᖃᑦᑖᑦᑖᑦᑖᑦ. ᑖᑖᑦᑖᑦᑖᑦᑖᑦ ᖃᑎᐅᓄᑦᑖᑦᑖᑦ ᐅᑦᑎᖃᑦᑖᑦᑖᑦᑖᑦ ᑎᑎᖃᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᐃᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ. ᓄᖃᑦᑖᑦᑖᑦ ᐃᓂᓄᑦᑖᑦ 14%-ᖃᑦᑖᑦᑖᑦᑖᑦᑖᑦ, ᑖᑖᑦᑖᑦᑖᑦ ᐱᐅᑦᑖᑦᑖᑦ ᐅᑦᑎᖃᑦᑖᑦᑖᑦᑖᑦ, ᑖᑖᑦᑖᑦ ᖃᑎᐅᓄᑦᑖᑦᑖᑦᑖᑦ. ᐃᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ 2006-ᑦᑖ ᓄᖃᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦ 2017-ᑦᑖ ᓄᖃᑖᑦᑖᑦᑖᑦ ᖃᑎᐅᓄᑦᑖᑦᑖᑦ ᓄᑦᑖᑦᑖᑦ Boothia ᓄᓄᑦ. ᓄᖃᑖᑦᑖᑦ ᑖᑖᑦᑖᑦ ᓄᖃᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ. ᐱᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᐅᑦᑎᖃᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦ ᓄᖃᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ. ᑖᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ, ᓄᖃᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᐃᓄᓄᑦᑖᑦ. ᓄᖃᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ MX/08-ᑦᑖ. ᖃᑦᑦᑦᑖᑦᑖᑦᑖᑦ ᐅᑦᑎᖃᑦᑖᑦᑖᑦᑖᑦ 3649-ᖃᑦᑖᑦᑖᑦᑖᑦ. ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᓄᖃᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ. ᑎᖃᑦᑖᑦᑖᑦ ᓄᖃᑖᑦᑖᑦᑖᑦ, ᓄᖃᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᐅᑦᑎᖃᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ, ᖃᑭᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᐅᑦᑎᖃᑦᑖᑦᑖᑦ ᓄᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ. ᐅᓄ ᐅᑦᑖᑦ ᖃᑭᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᐱᖃᑦᑖᑦᑖᑦ ᖃᑦᑖᑦᑖᑦ, ᑖᑖᑦᑖᑦᑖᑦ ᐅᖃᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ, ᓄᓄᐃᑦ ᑖᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ.
- ᑖᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ, ᑖᑖᑦᑖᑦᑖᑦᑖᑦ ᐃᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ, ᐅᑦᑎᖃᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ 6%-ᑦᑖᑦᑖᑦ. ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ, 66-ᓄᑦ 218-ᓄᑦ. ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦ ᐱᖃᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦ ᐱᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ.

### ᐊᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦ:

ᓄᓂᑦᑎᖃᑦ:

- Boothia ᓄᓄᐊ ᐅᑦᑎᖃᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ Prince of Wales ᖃᑭᑦᑖᑦᑖᑦᑖᑦ. ᑖᑖᑦᑖᑦ ᐅᑦᑎᖃᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ?

### ᐊᑦᑎᑦᑎᖃᑦᑖᑦ:

- ᐅᑦᑎᖃᑦᑖᑦ ᑖᑖᑦᑖᑦ ᑖᑖᑦᑖᑦ (Boothia ᓄᓄᐊᓄᑦ) Prince of Wales ᖃᑭᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ. ᐅᑦᑎᖃᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦ Prince of Wales ᖃᑭᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ, ᐃᑦᑖᑦᑖᑦ Boothia ᓄᓄᐊᓄᐊᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦᑖᑦ ᑖᑖᑦᑖᑦ.

ᓄᓂᑦᑎᖃᑦ:

- ᓄᖃᑖᑦᑖᑦᑖᑦ ᐅᑦᑎᖃᑦᑖᑦ Prince of Wales ᖃᑭᑦᑖᑦᑖᑦᑖᑦ?







# ᐱᐱᓐᓂᐱᓪᓴ ᐃᓕᓯᓴᐅᓴᓐ 1

## ᓕᐅᓴᓐᓂᓐᓯᐱᓐᓂᓐ 2019

ᐱᓕᓐᓂᓐᓂᓐ ᓕᐅᓴᓐᓂᓐᓂᓐᓂᓐᓂᓐ:



### Muskox distribution and abundance Muskox Management Unit, MX08, Boothia Peninsula

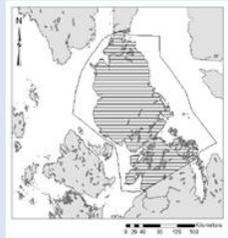
Taloyoak HTO

Lisa-Marie Leclerc  
Government of Nunavut  
Department of Environment

June, 2019

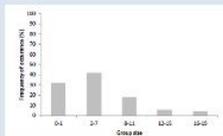
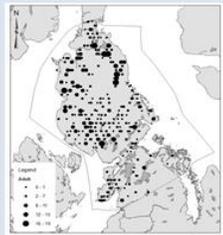
### Survey Area

- MX-08, last estimate in 2006 was 1,100 muskoxen, with 158 adults on transect.
- Concerns, muskox-caribou interaction.



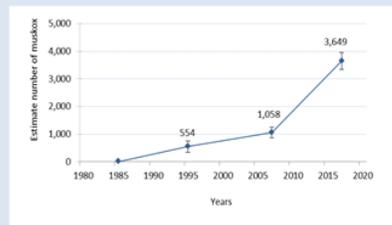
### Monitoring

- Survey completed in August 05 to August 13, 2017
- 702 adults counted on transect.
- 41% of the group were small groups of 2 to 7 adults.
- The calves to adults ratio was 14%.



### MX08- population estimate

There is an increase  
in muskox number with an estimate of  
 $3,649 \pm 316$  SE



### Predators

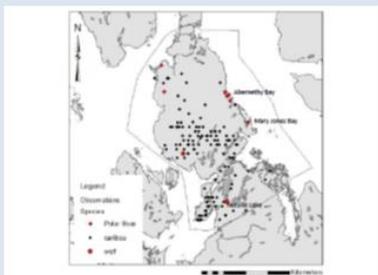


Figure 7: Locations where Polar Bears and Wolves were observed in the Muskox Management Unit MX08 in relation to caribou distribution.

### Managements- Discussion

What is the HTO's management objective?

Are all tags being filled?

What is the community need?



## ᑎᑎᓐᓃᑦᑦᑦᑦ ᐃᑦᑦᑦᑦᑦᑦ 2

### ᓐᓃᑦᑦᑦᑦᑦᑦ ᐃᑦᑦᑦᑦᑦᑦᑦᑦᑦᑦ ᑦᑦᑦᑦᑦᑦᑦᑦ ᐃᑦᑦᑦᑦᑦᑦᑦᑦᑦᑦᑦ

#### **Smith, Caryn**

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**From:** Jimmy Oleekatalik <taloyoak@krwb.ca>  
**Sent:** April 29, 2019 6:50 PM  
**To:** Leclerc, Lisa-Marie  
**Cc:** England, Kate; Methuen, Kevin; Smith, Caryn  
**Subject:** RE: MX08 consultation- accomodation

Hi Lisa,

The Board is in agreement with the 275 for musk-ox tags. If you need more information please let me know.

Best regards,  
Jimmy Oleekatalik,  
Manager, SBHTA

-----Original Message-----

From: Leclerc, Lisa-Marie <LLeclerc@GOV.NU.CA>  
Sent: Monday, April 29, 2019 1:59 PM  
To: Jimmy Oleekatalik <taloyoak@krwb.ca>  
Cc: England, Kate <KEngland@GOV.NU.CA>; Methuen, Kevin <kmethuen@GOV.NU.CA>; Smith, Caryn <CSmith@GOV.NU.CA>  
Subject: MX08 consultation- accomodation

Hi Jimmy,

The Government of Nunavut, Department of Environment, discussed on the possibility to accommodate the recommendation of the HTO in having an increase of the harvesting rate of the muskox population MX08 of more than 6%.

With the comments of the HTO and the community members, we can support an additional increase with a recommendation of 7.5% / 275 animals as this seems reasonable by way of being: aligned with the HTO proposition, community comments, population increase, meeting increased demand for tags, while also reducing risk of meat wastage/wounding animals which is a current problem with the caribou.

Please let me know if the board support this recommendation.

All the best,

Lisa