



- **Background on Sayisi and Northlands**
- **Project features of concern**
- **Agnico Eagle responses**
- **Issues potentially resolved**
- **Remaining concerns**
- **Actions required**
- **Recommendations**







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# *Sayisi Dene First Nation & Northlands Denesuline First Nation*

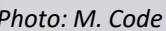


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## Background

- Caribou have been central to Sayisi and Northlands existence for thousands of years
- Caribou continue to be crucial to our ability to maintain our culture and our way of life
- Any negative impacts to the declining Qamanirjuaq caribou herd or its habitat could affect our people and our rights



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## Areas of Concern

- 1) Changing caribou calving, post-calving and summer distribution near the mine. Impacts diluted by size of caribou effects study area
- 2) High uncertainty about negative long-term sensory impacts from windfarm in post-calving range
- 3) Negative impacts to caribou crossing movements from waterline adjacent to Discovery Road



*Photo: C. Werner*



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## Areas of Concern

#### 4) Caribou protection measures for group size and distance threshold shutdowns are not sufficient

**5) Caribou movements while ‘approaching’ and ‘leaving’ the all-weather access road have not been adequately assessed**



Photo: C. Werner



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## AEM Responses to Concern #2

- **An additional caribou monitoring study will be added to the Windfarm Management Plan**
- **Additional maps of increased caribou presence provided; continues to consult with Kivalliq Elders Advisory Board**
- **Wind turbines shutdown when caribou at 5 km**



Photo: CWC



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# ΔΗΛΩΣΗ ΤΗΣ ΔΕΝΕΣΟΥΛΙΝΗΣ ΠΡΩΤΗΣ ΕΘΝΟΤΗΤΑΣ

- Η ΔΕΝΕΣΟΥΛΙΝΗ ΠΡΩΤΗ ΕΘΝΟΤΗΤΑ ΑΝΑΓΝΩΡΙΣΤΗΚΕ ΩΣ ΜΙΑ ΑΝΕΞΑΡΤΗΤΗ ΕΘΝΟΤΗΤΑ, ΜΕ ΤΗΝ ΙΔΙΑ ΤΗΝ ΕΠΙΣΤΗΜΟΛΟΓΙΑ ΤΗΣ
- Η ΔΕΝΕΣΟΥΛΙΝΗ ΠΡΩΤΗ ΕΘΝΟΤΗΤΑ ΕΧΕΙ ΕΝΑΝΤΙΟΝ ΤΗΝ ΑΝΑΓΝΩΡΙΣΗ ΤΗΣ, ΔΕΝΕΣΟΥΛΙΝΗΣ ΠΡΩΤΗΣ ΕΘΝΟΤΗΤΑΣ

## Issues Potentially Resolved

- Agnico Eagle has committed to resolve some of our concerns, such as spill response and noise monitoring
- Some commitments have not yet been fulfilled, so concerns remain



Photo: M. Code



Η ΔΕΝΕΣΟΥΛΙΝΗ ΠΡΩΤΗ ΕΘΝΟΤΗΤΑ ΚΑΙ Η ΔΕΝΕΣΟΥΛΙΝΗ ΠΡΩΤΗ ΕΘΝΟΤΗΤΑ  
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**5) An analysis of caribou movements ‘approaching’ and ‘leaving’ the all-weather access road before waterline installation, is still needed**





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## Actions Required

**Additional actions are needed to avoid negative impacts and to minimize project effects that could:**

- 1) **Change caribou migration patterns**
- 2) **Cause negative impacts to caribou while in calving, post-calving and summer habitats**
- 3) **Negatively impact caribou herd productivity and health**



*Photo: M. Code*



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- 1) Agnico Eagle reconsider and revise existing impact predictions and significance determinations related to caribou, based on detected impacts, such as impacts to known caribou crossings, and the proposed extended mine life. This should be done prior to the approval/recommended approval of the Meliadine Extension proposal
- 2) The proposed wind farm should not proceed



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- 3) Further assessment of caribou movement and behavior monitoring at the southeast Meliadine Lake caribou crossing should be conducted prior to the installation of the Discovery Road waterline
- 4) The caribou group size threshold for migration protocols be reduced to allow more small groups to experience protection measures and increase the distance threshold for the mine operations and all-weather access road
- 5) Key analysis of caribou movements 'approaching' and 'leaving' the all-weather access road be completed prior to approval/recommended approval of the Meliadine Extension proposal





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2022 ՎԳՋԸԻ ԾՏՆՐԾ  
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## Recommendations (continued)

## Two additions to the Project Certificate:

- **Revise Term and Condition # 43-Terrestrial Wildlife and Wildlife Habitat – General**
  - **Revise caribou protection group size and distance thresholds based on recent changes to caribou distribution**
- **Revise Term and Condition # 54-‘Movement of Wildlife’**
  - **Conduct a study of the major caribou crossing at the southeast end of Meliadine Lake to implement specific mitigations**

**No information provided in the 2022 Annual Report changed these recommendations**



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# ᐃᐱᓐᓂᐱᓐ? Questions?



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Photo: G. Bussidor