



10 September 2025

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Wildlife Research Permit Application for a North Slave Region Moose Population Survey

Please find attached a Wildlife Research Permit application for a project entitled “**North Slave Region Moose Population Survey**” submitted by James Hodson, ECC, GNWT.

Moose population surveys are periodically conducted in the North Slave region to obtain population abundance and density estimates within the Taiga Shield and Taiga Plains ecozones, as well as fall sex and calf:cow ratios, to evaluate population trend and sustainability of moose harvest in the region. Previous surveys have been completed in 2004, 2007, 2012, 2016, and 2021. It has been 5 years since the last survey was completed. The goal of this project is to conduct another distance-based regional moose survey following similar same study area boundaries and transects as used in the 2016 and 2021 surveys to provide comparable abundance and density estimates of moose. Survey results from 2021 (D.Cluff unpublished data) indicated an overall decline in moose density from the previous survey in 2016, dropping from 4.9 moose/100 km² to 3.1 moose/km². It is important to obtain another population density estimate to assess whether this decline has continued.

The research permit application form requires brief summaries, so I have included a document with additional details and a map of the proposed survey area. There will be opportunities for community members to participate in both the fall composition and late winter abundance surveys.

A recommendation form is attached for your response. **Please email this form to james_hodson@gov.nt.ca by October 15, 2025.** If you have any questions or concerns, please contact me at (867) 767-9238 ext. 53254. We appreciate your ongoing support of cooperative wildlife management.

Sincerely,

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