



14 November 2024

DISTRIBUTION LIST

Wildlife Research Permit Application for wolverine and grizzly bear density and distribution surveys for the proposed Lockhart All-Season Road project

Please find attached a Wildlife Research Permit application to conduct surveys for wolverine and grizzly bear within the proposed Lockhart All-Season Road (LASR) project area. As the Wildlife Research Permit application form requests text be limited to < 100 words, an additional attachment is included that goes into details of the work that would not fit into the PDF form.

Surveys for wolverines will involve establishing 100 hair-snag stations, in 5 x 5 km grids surrounding the LASR project. Hair-snag stations will be surveyed four times (per year), before being disassembled for later use for grizzly bear hair-snagging surveys.

For grizzly bears, 100 hair-snag stations will be setup in 10 x 10 km grid squares in the LASR project area. Hair-snag stations will be surveyed four times (per year), prior to being disassembled. Hair-snag stations will be sampled for 2 years for a total of 200 sampling sites for both wolverine and grizzly bear.

Stations will be deployed by helicopter in winter (wolverine) and summer (grizzly bear) of 2025 and 2026, to gather abundance and distribution data. Hair samples collected from wolverine and grizzly hair-snags will be used to identify individual animals and their sex. Motion-detector trail cameras will be paired with hair-snag stations to capture images of predators who do, and do not engage with the bait station.

The results of these surveys will be used to support the upcoming environmental assessment and mitigation of potential impacts to wolverines and grizzly bears from the construction of the LASR.

Observers from your organization will be invited to participate in the surveys. This application is for a multi-year research permit for 5 years, in the event these surveys need to be repeated prior to construction of the LASR. A brief report summarizing results will be provided back to your organization after each survey.

A recommendation form is attached for your response. **Please email this form to christopher_shapka@gov.nt.ca by December 20, 2024.** If you have any questions or concerns,



Government of Northwest Territories
Gouvernement des Territoires du Nord-Ouest

please contact me at (867) 767-9237 ext. 53074. We appreciate your ongoing support of cooperative wildlife monitoring and management.

Sincerely,

Chris Shapka
EA Biologist, Wildlife Division
Department of Environment and Climate Change, Government of the Northwest Territories
5th Floor Scotia Centre, P.O. Box 1320, 5102-50th Avenue
Yellowknife, NT X1A 2P



DISTRIBUTION LIST

Jody Pellissey
Executive Director
Wek'èezhìi Renewable Resource Board
jpellissey@wrrb.ca

Laura Meinert
Wildlife Management Biologist
Wek'èezhìi Renewable Resource Board
lmeinert@wrrb.ca

Tammy Steinwand
Director, Culture and Lands Protection
Tłı̨chǫ Government
Tammy.Steinwand@tlicho.com

Tyanna Steinwand
Manager, Culture and Lands Protection
Tłı̨chǫ Government
Tyanna.Steinwand@tlicho.com

Michael Birlea
Manager, Lands Protection and Renewable
Resources
Tłı̨chǫ Government
Michael.Birlea@tlicho.com

Stephanie Behrens
Wildlife/Fisheries Biologist
Tłı̨chǫ Government
Stephanie.Behrens@tlicho.com

Johanne Black
Director - Environment
Yellowknives Dene First Nation
jblack@ykdene.com

Ryan Miller
Remediation Project Coordinator
Yellowknives Dene First Nation
ryanm@ykdene.com

Orna Phelan
Wildlife Biologist
North Slave Métis Alliance
orna.phelan@nsma.net

Lawrence Lewis,
A/Regional Superintendent,
Environment and Climate Change, North
Slave Region
Government of Northwest Territories
Lawrence.Lewis@gov.nt.ca

Stefan Goodman
Wildlife Technician Environment and Climate
Change, North Slave Region
Government of the Northwest Territories
Stefan_Goodman@gov.nt.ca

Tas-Tsi Catholique
WLED Manager Director
Wildlife Lands and Environment Department
Lutselk'e Dene First Nation
lkdfnlands@gmail.com