

May 30, 2025

VIA email:

samuel.hache@ec.gc.ca

Samuel Haché, Landbird Biologist
Canadian Wildlife Service, Northern Region
Environment and Climate Change Canada
P.O. Box 2310, 5019 – 52nd St. 4th Floor
Yellowknife, NT X1A2P7

RE: Wildlife Research Permit Application – NWT Biodiversity Monitoring Program and threats to boreal treeline birds

The Wek'èezhìi Renewable Resources Board (WRRB) has reviewed your Wildlife Research Permit application under Section 12.5.1 of the Tłıchq Agreement, and understands that the objectives of the Biodiversity Monitoring Program are to 1) work with partners to co-produce knowledge, 2) collect current data on species distribution, composition, and abundance along with environmental data, 3) use these data to assess species status, analyse drivers of species distribution, and generate trend estimates, 4) assess migratory connectivity, 5) assess pesticide exposure in adults, 6) determine productivity and return rates of marked birds, and 7) use faecal and feather samples to look at diet.

The proposed multi-year research, scheduled from June 22, 2025 to October 15, 2026, around Lockhart camp, involves the following:

- Deploy bird Acoustic Recording Units (ARUs) at approximately 60 sites around Lockhart camp, as well as 15 Bat ARUs and temperature loggers;
- Set up a motus tower by the Lockhart Camp);
- Capture a maximum of 300 breeding birds from 11 focal species and fit metal and colour bands on their legs;
- Birds will be captured in a grid of approximately 20 mist nets;
- Take physical measurements of the birds, collect fecal and blood samples from 20 individuals from four species; and,
- Fit radio transmitters to this subset of 20 individuals from four species.

The WRRB has reviewed your application, and has no concerns with the project as presented, pending approval from all additional required licenses outlined in your application (Motion #982-27-05-2025).

The WRRB requests that results be provided to the Board upon completion of work and asks that our office be contacted if there is any opportunity for Board or staff involvement in your work.

Please feel free to give us a call with any questions you might have.

Sincerely,

A handwritten signature in black ink, reading "Jody Pellissey". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Jody Pellissey
Executive Director

Cc Danielle Morin, Superintendent
 North Slave Region, Environment & Climate Change, GNWT

 Stephanie Behrens, Manager
 Culture and Lands Protection, Tłıchǫ Government

 Brad Woodworth, Climate Change Adaptation Ecologist
 Wildlife Department, Environment & Climate Change, GNWT

 Kevin Kardynal, Wildlife Research Biologist
 Environment & Climate Change Canada, Government of Canada