

April 10, 2026

Liam Cowan
Wildlife Biologist (Biodiversity)
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PO Box 1320, 5102 – 50th Ave
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RE: Wildlife Research Permit Application – NWT Biodiversity Arthropod Monitoring – Insect, Spider and Habitat (Plant) Collections

The Wek'èezhì Renewable Resources Board (WRRB) has reviewed your Wildlife Research Permit application under Section 12.5.1 of the Tłı̄chq̄ Agreement, and understands that the objectives of the Arthropod Biodiversity Surveys are to 1) continue roadside Bumble Bee Surveys to build on past data on abundance and distribution, 2) increase knowledge on species of arthropods, arthropod habitat, and their distribution in the NWT, 3) increase knowledge on species at risk, 4) increase tracking capacity of invasive species of arthropods, and 5) contribute to mosquito and vector-borne disease surveillance.

The proposed research, scheduled from April 1, 2026 to December 31, 2031, across the Wek'èezhì, involves the following:

- Bumble Bee Surveys involve 10 stops that are 4km apart. Bees are collected with netting and preserved in ethanal for analyzing;
- Mosquitoes are collected twice weekly over 24-hour periods using light traps. They are stored frozen for identification and analyzed for disease;
- Passive Malaise traps, pit fall traps and blue vane traps will be set up to collect arthropods;
- Active hand netting will be done for species identification, and;
- A small number of plants will be collected.

The WRRB has reviewed your application and has no concerns with the project as presented.

The WRRB requests that results be provided to the Board upon completion of work. Please feel free to give us a call with any questions you might have.

Sincerely,



Jody Pellissey
Executive Director

Cc Seth Bohnet, Superintendent
North Slave Region, Environment & Climate Change, GNWT

Stephanie Behrens, Manager, Lands Protection & Renewable Resources
Culture and Lands Protection, Tłıchǫ Government