



December 10, 2025

Abbey Wilson
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Department of Environment and Climate Change
Government of the Northwest Territories
5th Floor Scotia Centre, Yellowknife NT
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Wildlife Research Permit Application – A Predator Health Monitoring Framework Through Diet, Genetics and Parasites

Dear Ms. Wilson:

The Wek'èezhì Renewable Resources Board (WRRB) has reviewed your Wildlife Research Permit (WRP) application for a ḏiga (wolf) health monitoring, which studies samples of ḏiga that have already been collected over the past 15 years. Some of the samples were from ḏiga harvested within Wek'èezhì. The WRRB is listed as a partner organization that has been consulted and assisted with this proposal's development.

The WRRB understands the management proposal to include the following monitoring actions for December 8, 2025 to November 11, 2030:

- Use stable isotope analysis of muscle and bone to reconstruct ḏiga diets at different timescales, estimate the proportion of prey species in diets, and identify population specializing on ekwò;
- Identify parasite DNA in ḏiga intestines and feces as well as pathogens and canine viruses that impact ḏiga and ekwò health; and,
- Identify distinct ḏiga genetic units, levels of inbreeding and temporal changes in diversity and reveal dynamics of ḏiga populations by relating genetic analysis to diet and parasite analyses.

The WRRB is in support of the permit as written. The WRRB requests 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,

A handwritten signature in black ink that reads "Jody Pellissey". The signature is fluid and includes a long, sweeping horizontal stroke at the end.

Jody Pellissey
Executive Director

Cc Stephanie Behrens
 Manager, Lands Protection & Renewable Resources
 Department of Culture and Lands Protection, Tłı̨chq̓ Government

Rhona Kindopp, Director
Wildlife Management, Environment & Climate Change, GNWT