



COMMENT FORM FOR NIRB SCREENINGS

The Nunavut Impact Review Board (NIRB) has a mandate to protect the integrity of the ecosystem for the existing and future residents of Nunavut. To assess the environmental and socio-economic impacts of the project proposal, NIRB would like to hear your concerns, comments and suggestions about the following project proposal application:

Project Proposal Title:	Assessing the ecological risk associated with critical mineral extraction and low-sulphur fuels in Northern ecosystems		
Proponent:	University of Alberta		
Location:	Kitikmeot Region)		
Comments Due By:	May 12, 2025	NIRB #:	25YN039

Indicate your concerns about the project proposal below:

<input type="checkbox"/> no concerns <input type="checkbox"/> water quality <input type="checkbox"/> terrain <input type="checkbox"/> air quality <input type="checkbox"/> wildlife and their habitat <input type="checkbox"/> marine mammals and their habitat <input type="checkbox"/> birds and their habitat <input checked="" type="checkbox"/> fish and their habitat <input type="checkbox"/> heritage resources in area	<input type="checkbox"/> traditional uses of land <input type="checkbox"/> Inuit harvesting activities <input type="checkbox"/> community involvement and consultation <input type="checkbox"/> local development in the area <input type="checkbox"/> tourism in the area <input type="checkbox"/> human health issues <input type="checkbox"/> other: _____ _____ _____
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Please describe the concerns indicated above:

The University of Alberta, Scientific Research, NIRB file number: 25YN039, discusses water withdrawal activities for the projects sample collection, which could have the potential to impact fish and fish habitat. Direct fish mortality can occur during water withdrawal activities through entrainment/impingement. Entrainment occurs when a fish is drawn into a water intake and cannot escape. Impingement occurs when a fish is held in contact with the intake screen and is unable to free itself.

Do you have any suggestions or recommendations for this application?

In order to comply with the *Fisheries Act*, it is recommended that the Proponent follow DFO's protective measures for fish and fish habitat and standard codes of practice which can be found on DFO's website (<https://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures-eng.html> and <https://www.dfo-mpo.gc.ca/pnw-ppe/practice-pratique-eng.html>).

If the proposal meets the criteria for a site specific review, as described on DFO's website (<https://www.dfo-mpo.gc.ca/pnw-ppe/reviews-revues/request-review-demande-d-examen-003-eng.html>), they should complete and submit the request for review form available on the website (<https://www.dfo-mpo.gc.ca/pnw-ppe/reviews-revues/request-review-demande-d-examen-004-eng.html>)

It is also the proponent's Duty to Notify DFO if they have caused, or are about to cause, the death of fish by means other than fishing and/or the harmful alteration, disruption, or the destruction of fish habitat. Such notification should be directed to DFO.ARCENTriage-TriageGEARC.MPO@dfo-mpo.gc.ca



Do you support the project proposal? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Any additional comments?	
DFO does not have any additional comments at this time.	
Name of person commenting:	<u>Anna-Maija LaFlamme</u> of <u>Fisheries & Oceans Canada</u>
Position:	<u>FFHPP Biologist</u> Organization: <u>Fisheries & Oceans Canada</u>
Signature:	Date: <u>5/12/2025</u>
	