



Fisheries and Oceans
Canada

Pêches et Océans
Canada

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July 17, 2025

Your file *Votre référence*
3AM-IGL2131

Subject: 2024 Annual Report for the Hamlet of Igloolik's Type A Water Licence

To whom it may concern,

On April 17, 2025, the Nunavut Water Board invited parties to comment on the 2024 Annual Report for the Hamlet of Igloolik's type A Water Licence No: 3AM-IGL2131. The Department of Fisheries and Oceans Canada (DFO) has reviewed the documents in accordance with DFO's mandate and the following comment below.

Comment:

The Hamlet of Igloolik 2024 Annual Water Licence Report briefly discusses the projects water withdrawal activities and the identification of a new water withdrawal location of Fish Lake for the community's drinking water. For water withdrawal, direct fish mortality can occur during water withdrawal activities through entrainment/impingement. In addition, excessive amounts of water withdrawn from waterbodies can impact fish through oxygen depletion, loss of over-wintering habitat and/or reductions in littoral habitat.

Recommendation:

DFO recommends that the proponent review and 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>).

Proponents are asked to respect the NU in-water works restricted activity timing windows ([Projects Near Water - Nunavut Restricted Activity Timing Windows for the Protection of Fish and Fish Habitat \(dfo-mpo.gc.ca\)](https://www.dfo-mpo.gc.ca/pnw-ppe/practice-pratique-eng.html)) to protect fish during spawning and incubation periods when spawning fish, eggs and fry are vulnerable to disturbance or sediment. The proponent should refer to DFO's Interim code of practice: End-of-pipe fish protection screens for small water intakes in freshwater available at <https://www.dfo-mpo.gc.ca/pnw-ppe/codes/screen-ecran-eng.html> when using fish screens and if the water intake flow is up to 0.150 m³/s, or 150 liters per second (L/s).

For water withdrawal from watercourses, DFO recommends the proponent follow the Framework for Assessing the Ecological Flow Requirements to Support Fisheries In Canada (<https://waves-vagues.dfo-mpo.gc.ca/Library/348881.pdf>) and demonstrates that

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water withdrawal rate remains <10% of actual (instantaneous) flow and does not result in flows <30% of mean annual discharge (MAD).

In addition, the proponent should follow the DFO Protocol for Winter Water Withdrawal in the NWT (2010) and not withdraw more than 10% of under-ice water volumes

([Microsoft Word - Water Withdrawal Protocol - Jan 05.doc](#)).

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>).

Yours sincerely,



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