



July 31, 2026
NPC File No.151280

Calvin Ehloak

A/Manager, Public Registry
Nunavut Impact Review Board (NIRB)
Cambridge Bay, Nunavut
By email: cehloak@nirb.ca; info@nirb.ca;
kgillard@nirb.ca

Mosha Cote

Manager-Research Liaison
Nunavut Research Institute
P.O. Box 1720 , Iqaluit, NU X0A 0H0
By email: mosha.cote@arcticcollege.ca

Cory Barker

a/Director, Lands, Environment & Resources
Kitikmeot Inuit Association (KitIA)
Kugluktuk, Nunavut
By email: cbarker@lands.kitia.ca;
tbolt@lands.kitia.ca; khatogina@lands.kitia.ca

Richard Dwyer

Manager of Licensing
Nunavut Water Board (NWB)
P.O. Box 119, Gjoa Haven, NU X0B 1J0
By email: richard.dwyer@nwb-oen.ca;
licensing@nwb-oen.ca

Cian Sherwin

Real Ice Development Company Limited
29 Lon Ogwen, Bangor Gwynedd LL57 2UD,
United Kingdom
By email: cian@realice.eco

Dear Calvin Ehloak, Mosha Cote, Cory Baker, Richard Dwyer, and Cian Sherwin:

RE: NPC File # 151280 [Real Ice - Ice Thickening Field Research in Cambridge Bay, Canada]

The following works and activities have been proposed in the above-noted project proposal:

1. **Primary Land Use:** Scientific Research
2. **Project summary description:** The proposed field study will test zero-emission pumping to flood and thicken Arctic sea ice, improving heat transfer and natural ice growth. Researchers will measure ice thickness, salinity, temperatures, and water displacement across a 1 km² study area, comparing treated and control zones through seasonal melt.
3. **Summary of modifications:** Real Ice proposes modifying operations by adding a tethered underwater pumping drone. New on-land and on-ice temporary bases will be built with local co-researchers. Operations run January–April 2027 (up to 10 staff), followed by monitoring until July.
4. **NPC File Nos:** 150112; 150441; 150891; **Associated NIRB File No.:** 23YN044
5. **Location:** Kitikmeot Region; [near Cambridge Bay]

A complete description of the project proposal reviewed by the NPC can be accessed online using the link below.

The NPC has completed its review of the above-noted project proposal. The NPC has determined that this project proposal is outside the area of an applicable regional land use plan, and the works and activities listed above were previously screened by the Nunavut Impact Review Board (NIRB File No.: 23YN044).

The above-noted project proposal is exempt from screening by the NIRB because the NPC is of the understanding that the continuation of the research with the inclusion of additional instrumentation and tents does not change the general scope of the original or previously amended project activities, and the exceptions noted in Section 12.4.3 (a) and (b) of the *Nunavut Agreement* do not apply.

By way of this letter, the NPC is forwarding the project proposal to the regulatory authorities identified by the proponent. Project materials are available at the following address:

<https://lupit.nunavut.ca/portal/registry/registry.aspx?appid=151280>

This decision applies only to the above-noted project proposal as submitted. Proponents may not carry out projects, and regulatory authorities may not issue licenses, permits and other authorizations in respect of projects if a review by the NPC is required.

If you have any questions, please do not hesitate to contact me at (867) 447-4563.

Sincerely,

A handwritten signature in blue ink, appearing to read 'SA' with a horizontal line extending from the 'A'.

Solomon Amuno, PhD
Senior Planner
Nunavut Planning Commission

Jurisdictional Note:

This conformity determination applies only to the components of the proposed project located within the Nunavut Settlement Area and under the Nunavut Planning Commission's statutory jurisdiction as defined in the Nunavut Agreement and the Nunavut Planning and Project Assessment Act (NuPPAA). Activities outside the NPC's jurisdiction remain subject to the review and regulatory processes of the relevant authorities. Proponents are responsible for identifying, contacting, and obtaining all required approvals from the appropriate regulators in every applicable jurisdiction to ensure compliance with all legislation, policies, and licensing requirements.