



May 07, 2026  
**NPC File No.151201**

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Nunavut Impact Review Board (NIRB)  
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Dear Calvin Ehaloak, Mosha Cote, Natalie D'Souza, and Wenxi Liao:

**RE: NPC File # 151201 [Arctic Water Solutions: Harnessing Native Northern Plants for Nature-Based Wastewater Treatment in Canada's Arctic]**

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

1. **Primary Land Use:** Scientific Research
2. **Project summary description:** This project develops low-cost, climate-adapted biofilter systems using native Arctic plants and engineered media to improve wastewater treatment in Northern communities. It combines lab and field testing, IoT-based monitoring, and seasonal performance evaluation at a CHARS demonstration site. It aims to deliver scalable, culturally appropriate, and resilient solutions that enhance treatment efficiency, protect ecosystems, and close current technology gaps in cold-region wastewater management..
3. **Location:** Kitikmeot Region; [community of Cambridge Bay]

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

The Nunavut Planning Commission (NPC) has determined that this project proposal is outside the area of an applicable regional land use plan. The project proposal requires screening by the Nunavut Impact Review Board (NIRB) because it does not belong to a class of exempt works or activities set out in Schedule 12-1 of the Nunavut Agreement.

By way of this letter, the NPC is forwarding the project proposal to the NIRB for screening. Project materials are available at the following address: <https://lupit.nunavut.ca/portal/registry/registry.aspx?appid=151201>

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 be 'S.A.' with a horizontal line through the middle.

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.*