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Dear Mosha Cote, Cassel Kapolak, Richard Dwyer, Jared Ottenhof, Tracey McCaie, Stephanie Kusch:

**RE: NPC File # 150627 [Permafrost organic carbon fluxes to the Canadian Arctic Ocean]**

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

- The proponent is proposing to quantify past and present permafrost OC fluxes in the Canadian Arctic Ocean in response to natural climatic and anthropogenic forcing. Marine sediments, permafrost field samples, and laboratory--based microcosm experiments will be used on different spatial and temporal scales to determine the quantity and quality of permafrost OC released following warming--induced permafrost thaw and the associated atmospheric and oceanic feedback. Key project activities include:
  - Permafrost samples from small soil pits and sediment samples will be obtained from Zodiac and transported to the laboratory for analyses
  - Suspended matter will be filtered from approximately 100 litres of coastal water and sent to the lab for analysis.
- Location: Qikiqtani Region; [Qikiqtarjuaq and surrounding areas]

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=150627>

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, consisting of the letters 'S' and 'A' connected by a horizontal line.

Solomon Amuno, PhD  
Senior Planner  
Nunavut Planning Commission