



**NIRB File No.: 24YN015**  
NPC File No.: 150290

April 12, 2024

Clare Wark  
WWF-Canada  
410 Adelaide St W  
Toronto ON, M5V 1S8

Sent via email: [cwark@wwfcanada.org](mailto:cwark@wwfcanada.org)

**Re: Notice of Screening for WWF-Canada's "Carbon measurement in Taloyoak" project proposal**

Dear Clare Wark:

On March 15, 2024, the Nunavut Impact Review Board (NIRB) received a referral to screen WWF-Canada's "Carbon measurement in Taloyoak" project proposal from the Nunavut Planning Commission (Commission), which noted that the project proposal is outside the area of an applicable regional land use plan. On April 4, 2024, the NIRB received the complete application from the Proponent.

Pursuant to Article 12, Sections 12.4.1 and 12.4.4 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada (Nunavut Agreement)* and s. 87 of the *Nunavut Planning and Project Assessment Act*, S.C. 2013, c. 14, s. 2 (*NuPPAA*), the NIRB has commenced screening this project proposal and has assigned it file number **24YN015** - please reference this file number in all future related correspondence.

#### PROJECT OVERVIEW

***Project Scope:***

All documents received and pertaining to this project proposal can be accessed from the NIRB's online public registry at [www.nirb.ca/project/125922](http://www.nirb.ca/project/125922).

<b>Project:</b>	Carbon Measurements in Taloyoak
<b>Region:</b>	Kitikmeot
<b>Location:</b>	Within Municipal boundaries of Taloyoak and surrounding area.
<b>Summary of Project Description:</b>	The Proponent intends to conduct soil carbon measurements in and around Taloyoak.

<b>Project Timeline:</b>	<b>Proposed</b>	June 2024
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According to the project proposal, the scope of the project includes the following undertakings, works or activities:

- Use of two ATVs to transport personnel and equipment to site locations within 25 kilometers of Taloyoak;
- Use of a permafrost corer to extract sediment cores from the ground;
  - Nine (9) core samples with a depth of 1 to 2 meters;
- Use of four coolers and packing material to transport core samples;
- Use of 30 PVC pipes for packing individual core samples;
- Use of a tarp to lay out core samples after extraction;
- Use of a measuring tape to measure samples;
- Use of 46 litres of gasoline for ATVs; and
- Waste from excess packing materials to be disposed of at the hamlet facility

### ***Inclusion or Exclusion of Scoping List***

At this time, the NIRB has identified no additional works or activities in relation to the project proposal. As a result, the NIRB will proceed with screening the project based on the scope as described above.

## REQUEST FOR COMMENTS

All documents received can be accessed from the NIRB's online public registry at [www.nirb.ca/project/125922](http://www.nirb.ca/project/125922) and include:

- *Commission Application and Conformity Determination*
- *NIRB Application*

The NIRB will copy you on screening process related correspondence and upload related documents to the NIRB's online registry for public access. The NIRB may request additional information at any time during the process.

The NIRB is copying parties and municipalities potentially affected by WWF-Canada project proposal with this letter, and we invite interested parties to comment directly to the NIRB by **April 22, 2024**.

The NIRB would like parties to provide comments regarding:

- Whether the project proposal is likely to arouse significant public concern; and if so, why;
- Whether the project proposal is likely to cause significant adverse eco-systemic or socio-economic effects; and if so, why;
- Whether the project proposal is likely to cause significant adverse impacts on wildlife habitat or Inuit harvest activities; and if so, why;
- Whether the project proposal is of a type where the potential adverse effects are highly predictable and mitigable with known technology, (and providing any recommended mitigation measures); and

- Any matter of importance to the Party related to the project proposal.

Please note that *proposed* project-specific terms and conditions, should the project proceed, have been attached for consideration and comment ([Appendix A](#)).

#### CONTACT INFORMATION

Please send your comments to the NIRB via email at [info@nirb.ca](mailto:info@nirb.ca), via fax at (867) 983-2594 or via the individual project dashboard for this assessment on the NIRB's online public registry at [www.nirb.ca/project/125922](http://www.nirb.ca/project/125922).

If you have any questions or require clarification, feel free to contact the undersigned at (867) 983-4616 or [femingak@nirb.ca](mailto:femingak@nirb.ca).

Sincerely,



Francis Emingak  
Screening Officer  
Nunavut Impact Review Board

Attachments: Appendix A: *Proposed* Project Specific Terms and Conditions

Enclosures (4): Public Notice of Screening (English, and Inuktitut)  
Comment Forms (English, and Inuktitut)

cc: Distribution List  
Carson Gillis, Nunavut Tunngavik Inc.  
Wynter Kuliktana, Kitikmeot Inuit Association  
Tannis Bolt, Kitikmeot Inuit Association  
Justin Buller, Government of Nunavut  
Dianne Lapierre, Government of Nunavut  
William Patch, Government of Nunavut – Community and Government Services  
Randy Mercer, Government of Nunavut – Community and Government Services  
Olivier Forbes-Bouillon, Government of Nunavut - Community and Government Services  
Caroline Whittle, Government of Nunavut – Department of Culture and Heritage  
Sylvie LeBlanc, Government of Nunavut - Department of Culture and Heritage  
Natalie D'Souza, Government of Nunavut – Department of Environment  
Brad Pirie, Government of Nunavut - Department of Environment  
Mosha Cote, Nunavut Research Institute  
Tracey McCaie, Crown-Indigenous Relations and Northern Affairs Canada

## Appendix A: Proposed Project Specific Terms and Conditions

The following is a list of project-specific terms and conditions which, should the project proceed, may be recommended to be attached to any approval.

### General

1. WWF-Canada (the Proponent) shall maintain a copy of the Project Terms and Conditions at the site of operation at all times and make it accessible to enforcement officers upon request.
2. The Proponent shall operate in accordance with all commitments stated in correspondence provided to the Nunavut Planning Commission (NPC File No.: 150290), and the NIRB (Online Application Form, April 1, 2024). This information should be accessible to enforcement officers upon request.
3. The Proponent shall operate the site in accordance with all applicable Acts, Regulations and Guidelines.
4. The Proponent shall ensure that it meets the standards and/or limits as set out in the authorizing agencies' permits or licences as required for this project.
5. The Proponent shall ensure that all personnel, staff and contractors are adequately trained prior to commencement of all project activities, and shall be made aware of all operational plans, management plans, guidelines and Proponent commitments relating to the project.

### Waste Management

6. The Proponent shall manage all hazardous and non-hazardous waste including food, domestic wastes, debris and petroleum-based chemicals (e.g., greases, gasoline, glycol-based antifreeze) in such a manner to avoid release into the environment and access to wildlife at all times until disposed of appropriately or at an approved facility.

### Fuel and Chemical Storage

7. The Proponent shall locate all fuel and other hazardous materials a minimum distance away from the high-water mark of any water body and environmentally sensitive areas as required by the appropriate authorizing agencies. The materials shall be stored in such a manner as to prevent their release into the environment.
8. The Proponent shall ensure that re-fuelling of all equipment occurs a minimum distance away from the high-water mark of any water body as required by the appropriate authorizing agencies.
9. All fuel and chemical storage containers must be clearly marked with the Proponent's name for ease of identification.
10. The Proponent shall have a Spill Contingency Plan in place at all fuel storage or transfer locations and shall ensure that appropriate spill response equipment and clean-up materials (e.g., shovels, pumps, barrels, drip pans, and absorbents) are readily available.
11. The Proponent shall follow the authorizing agencies' direction for management and removal of hazardous materials and wastes (e.g., contaminated soils, sediment and waste oil).

12. The Proponent shall ensure that wildlife deterrent systems are utilized at the time of a spill incident in order to avoid wildlife (terrestrial or marine) and migratory birds from being contaminated.
13. The Proponent shall ensure that all spills of fuel or other deleterious materials of 100 litres or more must be reported immediately to the 24-hour Spill Line at (867) 920-8130.

### **Wildlife – General**

14. The Proponent shall not substantially alter or damage or destroy any wildlife habitat in conducting this operation unless otherwise authorized by the appropriate authorizing agencies.
15. The Proponent shall not chase, weary, harass or molest wildlife. This includes persistently circling, chasing, hovering over, pursuing or in any other way harass wildlife, or disturbing large groups of animals.
16. The Proponent shall not hunt or fish, unless proper Nunavut authorizations have been acquired.

### **Migratory Birds and Raptors Disturbance**

17. The Proponent shall carry out all phases of the project in a manner that protects migratory birds and avoids harming, killing or disturbing migratory birds or destroying, disturbing or taking their nests or eggs. In this regard, the Proponent shall take into account Environment and Climate Change Canada's *Avoidance Guidelines*. The Proponent's actions in applying the *Avoidance Guidelines* shall be in compliance with the *Migratory Birds Convention Act, 1994* and with the *Species at Risk Act*.
18. The Proponent shall not disturb or destroy the nests or eggs of any birds. If active nests of any birds are discovered or located (i.e., with eggs or young), the Proponent shall avoid these areas until nesting is complete and the young have naturally left the vicinity of the nest by establishing a protection buffer zone<sup>1</sup> appropriate for the species and the surrounding habitat.

### **Caribou and Muskoxen Disturbance**

19. The Proponent shall avoid interfering with any paths or crossings known to be frequented by caribou during periods of migration as identified by current land use plans in place and/or by Inuit Qaujimaningit.
20. The Proponent shall not locate any operation or undertake activities that could block or cause any diversion to migration of caribou or muskoxen.
21. The Proponent shall immediately cease activities likely to interfere with the migration or calving of caribou or muskoxen until such time as the caribou or muskox have passed.

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<sup>1</sup> Recommended setback distances to define buffer zones have been established by Environment and Climate Change Canada for different bird groups nesting in tundra habitat and can be found at [www.ec.gc.ca/paom-itmb](http://www.ec.gc.ca/paom-itmb).

## **Road and Ground Disturbance**

22. The Proponent shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging. Overland travel of equipment or vehicles must be suspended if rutting occurs.

## **Land Use and Restoration of Disturbed Areas**

23. The Proponent shall use existing trails where possible during project activities on the land.
24. The Proponent shall ensure that the land use area is kept clean and tidy at all times.
25. The Proponent shall avoid disturbance on slopes prone to natural erosion, and alternative locations shall be utilized.
26. The Proponent shall remove all garbage, fuel and equipment at the end of each field season and/or upon completion of work and/or upon abandonment.

## **Heritage Sites**

27. The Proponent shall ensure that archaeological and paleontological sites are not purposely or inadvertently disturbed by clients or staff as a result of project activities.
28. The Proponent shall ensure that all clients and staff are aware of the Proponent's responsibilities and requirements regarding archaeological or palaeontological sites that are encountered during land-based activities. This should include briefings explaining the prohibitions regarding removal of artifacts, and defacing or writing on rocks and infrastructure.
29. No activities shall be conducted in the vicinity (50 metres buffer zone) of any archaeological/historical sites. If archaeological sites or features are encountered, activities shall immediately be interrupted and moved away from this location. Each site encountered needs to be recorded and reported to the Government of Nunavut-Department of Culture and Heritage.

## **Other**

30. The Proponent should engage with local residents regarding planned activities in the area and should solicit available Inuit Qaujimaningit and information regarding current recreational and traditional usage of the project area which may inform project activities. Posting of translated public notices and direct engagement with potentially interested groups and individuals prior to undertaking project activities is strongly encouraged.
31. The Proponent shall ensure that project activities do not interfere with Inuit wildlife harvesting or traditional land use activities.
32. The Proponent should, to the extent possible, hire local people and access local services where possible.