



NIRB File No.: 23XN069, 25XN006
NPC File No.: 150165, 150230

March 27, 2025

Community Support Division
 Government of Nunavut
 PO Box 700 Station 1000
 Iqaluit NU, X0A 0H0

Sent via email: communitysupportdivision@gov.nu.ca

Re: Notice of Screening for 2 Government of Nunavut project proposals in Grise Fiord

Dear Community Support Division:

The Nunavut Impact Review Board (NIRB or Board) received referrals to screen the following three (2) Government of Nunavut project proposals in the community of Grise Fiord from the Nunavut Planning Commission (Commission), with an accompanying positive conformity determination with the North Baffin Regional Land Use Plan.

To efficiently and effectively communicate the two (2) projects to commenting parties and the public, the NIRB has combined the files into this notice. However, the Board considers each of the project proposals separate and will be releasing a separate decision for each of the files.

Table 1: Grise Fiord Project Proposals

	Name of Project Proposal	Direct Public Registry Dashboard Link
NIRB File No. 23XN069 NPC File No. 150165	Amendment to Municipality of Grise Fiord Water Licence 3BM-GRI2025 - Water Treatment Plant	www.nirb.ca/project/125969
NIRB File No. 25XN006 NPC File No. 150230	Amendment to Municipality of Grise Fiord Water Licence 3BM-GRI2025 – Solid Waste Facility	www.nirb.ca/project/126023

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 received complete applications and commenced screening these project proposals and assigned the file numbers and Public Registry Dashboards as indicated in [Table 1](#).

PROJECT OVERVIEW

Each of the Project Proposals would occur in Grise Fiord located in the Qikiqtani Region (North Baffin Region).

Community and Government Services is proposing two (2) project proposals as part of the Amendment to the Municipality of Grise Fiord's Water Licence 3BM-GRI2025. Construction for both projects is proposed to happen between 2026 through 2028 with operations starting in 2028 until 2048.

[Appendix A \(23XN069\)](#) – describes the undertakings and workings related to a new water treatment plant

[Appendix B \(25XN006\)](#) – describes the undertakings and workings related to the solid waste facility upgrade

The New Water Treatment Plant and the Solid Waste Facility upgrade are linked through the modifications required to Grise Fiord's water licence but are not reliant on each other for construction or in operations.

REQUEST FOR COMMENTS

All documents received and pertaining to the project proposals can be accessed from the NIRB's Public Registry using the Public Registry Dashboard links listed in [Table 1](#) and include information such as:

- *NPC Applications*
- *NPC Conformity Determinations*
- *NIRB Applications*
- *NWB Renewal Water Licence*
- *Water Treatment Plant Plan & Profile*
- *Site Plan for Solid Waste Facility Upgrade*
- *Maps*

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 the municipality potentially affected by the Government of Nunavut's three (3) project proposals in Grise Fiord with this letter, and we invite interested parties to comment directly to the NIRB by **April 16, 2025**.

The NIRB would like parties to provide comments **for each project separately** 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.

CONTACT INFORMATION

Please send your comments to the NIRB via email at 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/125969 or www.nirb.ca/project/126023.

If you have any questions or require clarification, feel free to contact the undersigned at (867) 983-4619 or kgillard@nirb.ca.

Sincerely,



Kelli Gillard PAg, CTAJ
Acting Manager, Impact Assessment
Nunavut Impact Review Board

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

cc: Distribution List
Richard Dwyer, Nunavut Water Board
Nidhi Singh, Nunavut Water Board
Abid Jan, Nunavut Water Board
Dustin Fredlund, Nunavut Tunngavik Inc.
Carson Gillis, Nunavut Tunngavik Inc.
Jaren Ottenhof, Qikiqtani Inuit Association
Chris Spencer, Qikiqtani Inuit Association
Connor Goddard, Qikiqtani Inuit Association
Joel Fortier, Qikiqtani Inuit Association
Assol Kubeisinova, Qikiqtani Inuit Association
Justin Buller, Government of Nunavut
Dianne Lapierre, Government of Nunavut
William Patch, Government of Nunavut
Randy Mercer, Government of Nunavut
Ken Wasylyshen, Government of Nunavut
Oliver Forbes-Bouillon, Government of Nunavut
Caroline Whittle, Government of Nunavut
Sylvie LeBlanc, Government of Nunavut
Natalie D'Souza, Government of Nunavut

Bradley Pirie, Government of Nunavut
Michele LeBlanc-Havard, Government of Nunavut
Jakub Garbarczyk, Government of Nunavut
Hamlet of Grise Fiord
Grise Fiord Hunters and Trappers Organization

Appendix A (23XN069)

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/125969.

Project:	Amendment to Municipality of Grise Fiord Water Licence 3BM-GRI2025 - Water Treatment Plant
Region:	Qikiqtani
Location:	Grise Fiord
Closest Community:	Within Municipal Boundaries
Summary of Project Description:	The Proponent intends to construct and replace the existing water supply infrastructure and increase the maximum annual water withdrawal volume to meet the needs of the growing population of Grise Fiord. The facility would consist of a treatment building, three (3) water storage tanks and water would be transported from the Airport River using an intake centrifugal pump and 300 meters of flexible hose where it drops into a chamber and enters a buried pipeline that extends another 300 meters to the treatment building
Project Proposed Timeline:	Construction Phase: from 2026-07-01 to 2028-09-01 Operations Phase: from 2028-09-01 to 2048-09-01

According to the project proposal, the scope of the project includes the following undertakings, works or activities:

- Construction of a new water treatment system consisting of three (3) holding raw water tanks total capacity of 13,200 cubic meters, and pumphouse with chlorine injection point, with a new full train cartridge filtration, UV disinfection and chlorination water treatment plant and use and storage of sodium hypochlorite for disinfection;
- Use of heavy machinery for landscaping and constructing permanent structures, such as, excavator, bulldozer and trucks and the use of a crane and forklift for modular building with fuel sourced locally;
- Use of aggregate 4,700 cubic meters, for earthworks sourced from an existing quarry;
- Use of 26,000 liters of fuel for heating and emergency backup genset for operations;
- Daily Use of 299 cubic meters of water to be pumped from the licence source river;
- Combustible waste 60kg of used cartridge filters during operations to be disposed of in the municipal landfill;
- The local landfill would also be used during construction; and
- Use of a temporary camp is referenced, but is not a part of the project;

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.

Appendix B (25XN006)

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/126023.

Project:	Amendment to Municipality of Grise Fiord Water Licence 3BM-GRI2025-Solid Waste Facility
Region:	Qikiqtani
Location:	Grise Fiord
Closest Community:	Within Municipal Boundaries
Summary of Project Description:	The Proponent intends to conduct upgrades to the solid waste facility to improve alignment with regulatory conditions, improve operations, and prolong the useful life of the facilities. The upgrades are intended to improve regulatory compliance by addressing the following: stormwater management and ditching to divert water from the landfill areas and establishing a drop-off area, and installation of fencing to improve containment.
Project Proposed Timeline:	Construction Phase: from 2026-07-01 to 2028-10-01 Operations Phase: from 2028-07-01 to 2048-10-01

According to the project proposal, the scope of the project includes the following undertakings, works or activities:

- Use of front-end loader, bulldozer, and excavator for ditching, grading and moving material;
- Use of a Vibratory roller to compact soils;
- Waste from community to solid waste facility in both construction and operations;
- Use of aggregate and granular material from an existing quarry during construction;
- Use of 10,000 liters of fuel for heavy equipment construction;
- Waste Management: Combustible waste collection from household bins and drop-off at solid waste site, hazardous waste collected and stored in sea cans to be backhauled to an approved facility for final disposal, non-combustible waste to be collected and stored in landfill;
- Use of a temporary camp is referenced, but is not a part of the project.

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.