



NIRB Application for Screening #126023

Amendment to Municipality of Grise Fiord Water Licence 3BM-GRI2025 - Solid Waste Facility

Application Type: New
Project Type: Municipal and Industrial Development
Application Date: 1/10/2025 2:55:51 PM
Period of operation: from 2028-10-01 to 2048-10-01
Project Proponent: Community Support Division
Government of Nunavut
p.o. box 700 station 1000
Iqaluit Nunavut X0A 0H0
Canada
Phone Number:: 867-975-5478, Fax Number::

DETAILS

Non-technical project proposal description

English: The Government of Nunavut Department of Community and Government Services, on behalf of the Municipality of Grise Fiord, is applying to amend water licence 3BM-GRI2025 to upgrade the solid waste facility to improve alignment with regulatory conditions, improve operations, and prolong the useful life of the facilities. A business case for the landfill upgrades has been completed, which the recommendations of will be taken into detailed design of the facility. The location and footprint of the solid waste facility will remain the same, but the upgrades are intended to improve regulatory compliance by addressing the following: • stormwater management and ditching to divert water from the landfill; • waste containment and segregation by berming the existing landfill areas and establishing a drop-off area; and • installation of fencing to improve containment. Facility construction is expected to begin in 2026 and be completed in 2027.

French: Le ministère des Services communautaires et gouvernementaux du gouvernement du Nunavut, au nom de la municipalité de Grise Fiord, demande la modification du permis d'utilisation de l'eau 3BM-GRI2025 afin de moderniser l'installation de gestion des déchets solides pour améliorer la conformité aux conditions réglementaires, d'améliorer les opérations et de prolonger la durée de vie utile des installations.Une analyse de rentabilité pour la modernisation du site d'enfouissement a été réalisée, et les recommandations en découlant seront prises en compte dans la conception détaillée de l'installation.L'emplacement et l'empreinte de l'installation de gestion des déchets solides resteront les mêmes, mais les mises à niveau visent à améliorer la conformité réglementaire en abordant les points suivants :•la gestion des eaux de ruissellement et l'aménagement d'un fossé pour détourner l'écoulement du site d'enfouissement;•le confinement et la séparation des déchets par l'aménagement de bermes autour des sites d'enfouissement existants et l'établissement d'une aire de dépôt;•l'installation de clôtures pour maximiser le confinement.La construction de l'installation est prévue pour début 2026 pour être achevée en 2027.

Инуктитут: **ГАДІЛІСІЛІМ** АДАМ САЛЫКСАНОВИЧ, 1990-жылдан бұның күнінен бастап, 2026-жылдан берінен бастап 2027-жылдан берінен бастап.

Inuinnaqtun: Nunavut Kavamanga Nunalingni Kavamatkunnillu Pivikhaqautikkut, pidjutaanun Hamlatkut Ausuitturmi, uuktuliqtun aallan'nguqtirlugu imarmun laisikhaq 3BM-GRI2025 nutaanguqtirlugu iqqaquurvikhraq ihuaqhijuumijaami adjikkutaujukhanun maligatigun pijakhanun, ihuaqhilugit auladujit, aturaaqpagiamilu autqtakhanun iqqaquurvikhainun najugainnik. Nanminikhanun pidjutaa iqqaquurvikhuanun nutaanguqtirutinun iniqtaujuq, taimaatun pitquhimajainik taffumunga piniaqtait qanuq pilurutikhaanun iqqaquurvikhajumun. Tamna najugaa unalu hanadjutikhanga iqqakurvikhaq aallan'ngulimaittuq, kihimi tamna nuutaanguqtihimajut havakhimajut ihuaqhaijdutikharnik malikhautikharnik ilituqhajaangat ukuninga: • hilarluk imap munaridjutait kukulaqiblutiiklu ahinungarlugit imaq iqakuuqvikmin; • iqakut iluaniituqaqtut uvalu ikualatiivit ikualatilugit iqakuurviit uvalu havaklugit agitiqviiit nayugainut; unalu • iliurainiq avatiliqimik pimmarigharnikkut hiamitiqtaaqtunik. Igluqpak nappaktiqaaulirniaqtuq 2026-mi iniqtirlugulu 2027-mi.

Personnel

Personnel on site: 2

Days on site: 365

Total Person days: 730

Operations Phase: from 2026-07-01 to 2028-10-01

Operations Phase: from 2028-10-01 to 2048-10-01

Post-Closure Phase: from to

Activities

Location	Activity Type	Land Status	Site history	Site archaeological or paleontological value	Proximity to the nearest communities and any protected areas
Solid Waste Site	Municipal and Industrial Development	Municipal	Existing solid waste site	None	Within the municipal bounds

Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Grise Fiord	David General, SAO	Municipality of Grise Fiord	2025-01-14

Authorizations

Indicate the areas in which the project is located:

Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Nunavut Water Board	Water Licence 3BM-GRI2025	Active	2020-12-09	2025-12-08

Project transportation types

Transportation Type	Proposed Use	Length of Use
Air	Construction personnel to fly in	
Water	Construction materials to be brought in by sealift	
Land	Operations personnel for the solid waste facility will be locals	

Project accommodation types

Temporary Camp

Community

Other,

Material Use

Equipment to be used (including drills, pumps, aircraft, vehicles, etc)

Equipment Type	Quantity	Size - Dimensions	Proposed Use
Heavy	2	xyz	Front end loader/bulldozer and excavator for ditching, grading, and material moving
Vibratory roller	1	xyz	Compaction of soils
Pick up truck	1	xyz	Transport of wastes from community to solid waste facility for operations phase
Aggregate	1	xyz	For the onsite earthworks. The source of the granular material will be the existing quarry as understood by the local Council
Granular	1	xyz	For the onsite earthworks during construction. For landfill cover material during operations. The source of the granular material will be the existing quarry as understood by the local Council

Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Diesel	fuel	1	10000	10000	Liters	Used to fuel heavy equipment during construction

Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
0		

Waste

Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Landfill	Combustible wastes	6.15 cubic metres per capita per year	Collection from household bins and drop-off at solid waste site. Stored in landfill. Compact and cover with granular material.	None.
Landfill	Hazardous waste	0.62 cubic metres per capita per year	Store in sea cans. Backhaul to an approved facility for final disposal.	Segregate from household solid waste.
Landfill	Non-Combustible wastes	3.16 cubic metres per capita per year	Store in landfill. Compact and cover with granular material.	Segregate from household solid waste.

Environmental Impacts:

The upgraded solid waste facility will improve the containment and segregation of waste, and diversion of stormwater supporting environmental protection.

Additional Information

SECTION A1: Project Info

SECTION A2: Allweather Road

SECTION A3: Winter Road

SECTION B1: Project Info

SECTION B2: Exploration Activity

SECTION B3: Geosciences

SECTION B4: Drilling

SECTION B5: Stripping

SECTION B6: Underground Activity

SECTION B7: Waste Rock

SECTION B8: Stockpiles

SECTION B9: Mine Development

SECTION B10: Geology

SECTION B11: Mine

SECTION B12: Mill

SECTION C1: Pits

SECTION D1: Facility

SECTION D2: Facility Construction

SECTION D3: Facility Operation

SECTION D4: Vessel Use

SECTION E1: Offshore Survey

SECTION E2: Nearshore Survey

SECTION E3: Vessel Use

SECTION F1: Site Cleanup**SECTION G1: Well Authorization****SECTION G2: Onland Exploration****SECTION G3: Offshore Exploration****SECTION G4: Rig****SECTION H1: Vessel Use****SECTION H2: Disposal At Sea****SECTION I1: Municipal Development**

This is critical municipal infrastructure within the municipal bounds

Description of Existing Environment: Physical Environment

This is critical municipal infrastructure within the municipal bounds

Description of Existing Environment: Biological Environment

This is critical municipal infrastructure within the municipal bounds

Description of Existing Environment: Socio-economic Environment

This is critical municipal infrastructure that is essential for municipal operations.

Miscellaneous Project Information

Not applicable

Identification of Impacts and Proposed Mitigation Measures

Not applicable

Cumulative Effects

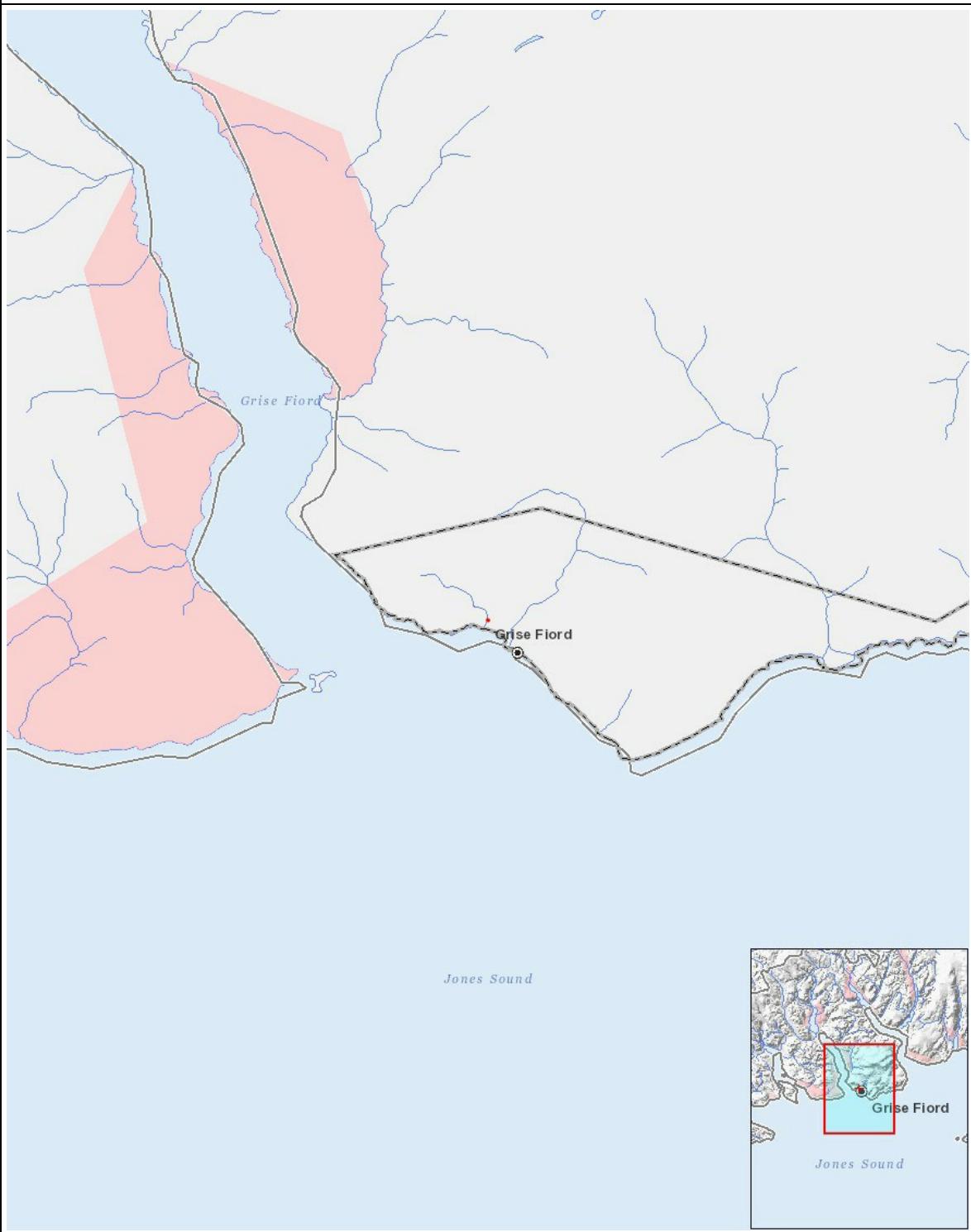
Not applicable

Impacts

Identification of Environmental Impacts

(P = Positive, N = Negative and non-mitigatable, M = Negative and mitigatable, U = Unknown)

Project Location



List of Project Geometries

1	polygon	Solid Waste Site
---	---------	------------------