



NIRB Application for Screening #126023

Amendment to Municipality of Grise Fiord Water Licence 3BM-GR12025 - 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 x0a0h0
Canada
Phone Number:: 867-975-5478, Fax Number::

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 accomodation 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

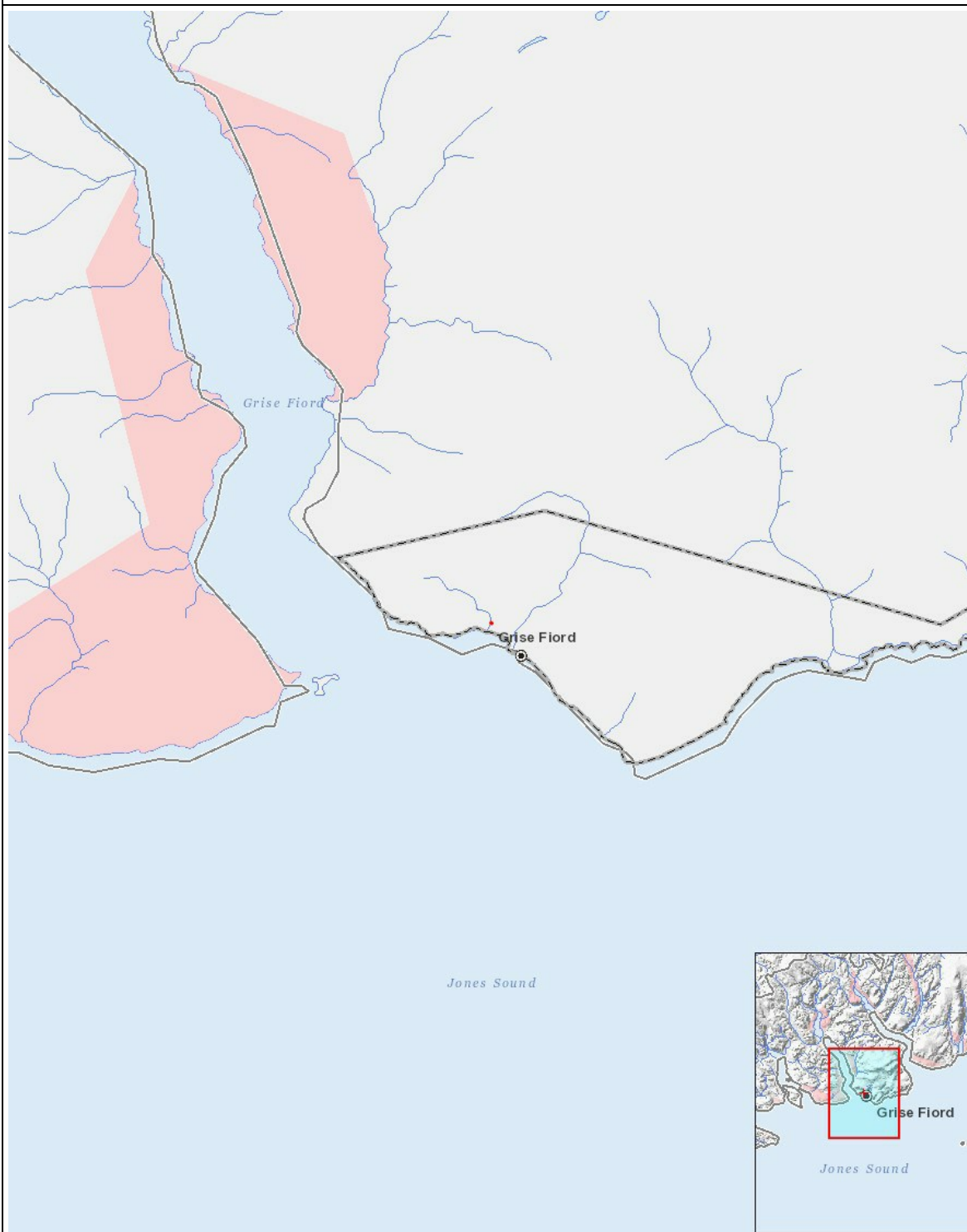
Impacts

Identification of Environmental Impacts

		PHYSICAL	Designated environmental areas	Ground stability	Permafrost	Hydrology / Limnology	Water quality	Climate conditions	Eskers and other unique or fragile landscapes	Surface and bedrock geology	Sediment and soil quality	Tidal processes and bathymetry	Air quality	Noise levels	BIOLOGICAL	Vegetation	Wildlife, including habitat and migration patterns	Birds, including habitat and migration patterns	Aquatic species, incl. habitat and migration/spawning	Wildlife protected areas	SOCIO-ECONOMIC	Archaeological and cultural historic sites	Employment	Community wellness	Community infrastructure	Human health
Construction																										
Municipal and Industrial Development		P	P	P	-	P	P	-	-	P	-	P	-			P	P	P	P	P		P	P	P	P	P
Operation																										
Municipal and Industrial Development		P	P	P	-	P	P	-	-	P	-	P	-			P	P	P	P	P		P	P	P	P	P
Decommissioning																										
-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

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

Project Location



List of Project Geometries

1	polygon	Solid Waste Site
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