ᓄᓇᕗᒻ ᐊᐸᑎᓕᓱᓴᐅᔪᑦ ᑲᑎᒪᔨᖏᑕᑎᒍᑦ ᑐᑭᓯᓂᕐᑐᑦ ᖃᓄᐃᑦᑐᑦ ᖃᐅᔨᓴᖅᓯᖅ #126023

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

ᑐᐅᔪᖅᑐᑕᐅᔨᖅ ᖃᓄᐃᓕᓴᐅᑎᑦ:	New
ᐱᓕᓱᐊᓱᐅᐅᔪᒪᔭᑦ ᖃᓄᐃᓕᓴᐅᑎᑦ:	Municipal and Industrial Development
ᐅᓪᓗᖏᓐ ᑐᐅᔪᖅᑐᑎᓕᐊᔾᔨᐅᐅᓪᓗᑦ:	1/10/2025 2:55:51 PM
Period of operation:	from 2028-10-01 to 2048-10-01
ᐱᓕᓱᐊᖃᖅᑭᒪᔭᖅ:	Community Support Division Government of Nunavut p.o. box 700 station 1000 Iqaluit Nunavut x0a0h0 Canada ᐅᖃᓗᓕᐅᑎᑦ: 867-975-5478, ᓯᑲᔭᕐᔪᑦ:

ᑐᓴᐅᒪᔾᔭᒃᓴᑦ

ᖃᓄᐃᑦᑑᑎᓂᒃ ᐱᓕᕆᐊᖃᕐᓂᐊᕆᐊᖕᒐᓂᒃ

ᖃᓪᓗᓈᑎᑐᑦ: 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.

ᐅᐃᕖᑎᑐᑦ: 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.

ᐃᓄᒃᑎᑐᑦ: ᓄᓇᕗᑦ ᑲᕙᒪᖓ ᓄᓇᓕᖕᓂ ᑲᕙᒪᒃᑯᓐᓂᓗ ᐱᔨᑦᑎᕋᖅᑎᒃᑯᑦ, ᑭᒡᒐᖅᑐᖅᖢᒋᑦ Hᐋᓪᓚᕆᔭᐅᔪᑦ ᐊᐅᓯᐃᑦᑐᒥᐅᓄᑦ, ᐱᓇᔪᒃᐳᑦ ᐊᓯᔾᔨᕆᐊᖅᓯᔪᒪᓪᓗᓂᒃ ᐃᒪᕐᒧᑦ ᓚᐃᓴᕆᔭᐅᔪᒥᒃ 3BM-GRI2025 ᓄᑖᙳᕆᐊᖅᑎᑦᑎᔪᒪᓪᓗᓂᒃ ᑕᖕᒥᓕᖕᓄᑦ ᐊᑐᒐᒃᓴᐅᔪᓃᖅᑐᓄᑦ ᐃᓂᒧᑦ ᐱᐅᓯᕆᐊᖅᑎᑦᑎᔪᒪᓪᓗᓂᒃ ᐊᑕᐅᓰᓐᓇᒃᑰᖅᑎᑕᐅᔪᓂᒃ ᒪᓕᒋᐊᖃᖅᐸᒃᑐᓄᑦ ᖃᓄᐃᓕᖓᓂᕆᔭᐅᔪᓄᑦ, ᐱᐅᓯᕆᐊᖅᑎᑦᑎᔪᒪᓪᓗᓂᒃ ᐊᐅᓚᓂᕆᔭᐅᔪᓂᒃ, ᐊᑕᐅᓰᓐᓇᒃᑰᖅᑎᑎᓗᑎᒡᓗ ᐊᑐᕈᓐᓇᕐᓂᕆᔭᖏᓐᓂᒃ ᑕᒪᒃᑯᐊ ᐃᓂᒋᔭᐅᔪᑦ.ᐱᓕᕆᐊᒃᓴᕆᔭᐅᔪᖅ ᐊᒃᑕᕐᕕᒃ ᓄᑖᙳᕆᐊᖅᑕᐅᓂᕐᒧᑦ ᐱᐊᓂᒃᑕᐅᓯᒪᓕᖅᑐᖅ, ᐊᑐᓕᖁᔭᐅᔪᓪᓗ ᐱᓕᕆᐊᖑᓛᖅᖢᑎᒃ ᑐᑭᓯᓇᕐᓗᑎᒃ ᐋᖅᑭᒃᓯᒪᓂᒃᓴᖏᑦ ᐅᐸᓚᐅᑉ.ᐊᒃᑕᕐᕕᐊᓘᑉ ᐊᖏᑎᒋᓂᖓ ᓱᕋᔾᔮᙱᑦᑐᖅ, ᑭᓯᐊᓂ ᓄᑖᙳᕆᐊᖅᑕᐅᒋᐊᖃᕐᓂᐊᖅᑐᑦ ᐱᐅᓯᕆᐊᖅᑕᐅᖁᓪᓗᒍ ᒪᓕᒐᖅᑎᒍᑦ ᒪᓕᒃᑕᐅᕆᐊᖃᕐᓂᖏᑦ ᐅᑯᐊ ᓴᖅᑭᓪᓗᒋᑦ:•ᓯᓚᓗᖕᒥᙶᖅᑐᖅ ᐃᒪᖅ ᐊᐅᓚᑕᐅᔪᓐᓇᕐᓗᓂ ᑰᒡᕕᓕᐅᕐᓗᒍᓗ ᐊᒃᑕᕐᕕᐊᓘᑉ ᓯᓚᑖᓄᑦ;•ᐊᒃᑕᕐᕕᐊᓗᐃᑦ ᐊᒡᒍᕐᓗᒋᑦ ᑰᒡᕕᓕᐅᕐᓗᒍ ᐊᒃᑕᕐᕕᐊᓘᕙᕇᖅᑐᖅ ᓴᓇᔭᐅᓗᓂᓗ ᐊᒃᑕᑯᓂᒃ ᐃᒋᐅᖅᑲᐃᕕᒃ; ᐊᒻᒪᓗ•ᓴᐴᓕᖅᓯᕐᓗᒍ ᐊᑕᐅᓰᓐᓇᖅᒦᑎᒋᐊᖅᓗᒋᑦ ᐊᒃᑕᕐᕕᐊᓗᖕᒦᑦᑐᑦ.ᐃᒡᓗᕐᔪᐊᖅᓴᓇᔭᐅᓯᕆᐊᓛᖁᓯᕆᔭᐅᔪᖅ 2026–ᒥ ᐱᐊᓂᒃᑕᐅᓗᓂᓗ 2027–ᒥ.

Inuinnaqtun: Nunavut Kavamanga Nunalingni Kavamatkunnilu Pivikhaqautikkut, pidjutaanun Hamlatkut Ausuitturmi, uuktuliqtun aallan’nguqtirlugu imarmun laisikhaq 3BM-GRI2025 nutaanguqtirlugu iqqaquurvikhaq ihuaqhijuumijaami aadjikkutaujukhanun maligatigun pijakhanun, ihuaqhilugit auladjutit, aturaaqpagiamilu autqtakhanun iqqaquurvikhainun najugainnik.Nanminikhanun pidjutaa iqqaquurvikhanun nutaanguqtirutinun iniqtaujuq, taimaatun pitquhimajainik taffumunga piniaqtait qanuq piliurutikhaanun iqqaquurvikhaujumun.Tamna najugaa unalu hanadjutikhanga iqqakurvikhaq aallan’ngulimaittuq, kihimi tamna nuutaanguqtiqhimajut havakhimajut ihuaqhaidjutikharnik malikhautikharnik ilituqhaijaangat ukuninga:•hilarluk imap munaridjutait kukulaqiblutiklu ahinungarlugit imaq iqakuuqvikmin;•iqakut iluaniituqaqtut uvalu ikualatiivit ikualatilugit iqakuurviit uvalu havaklugit agitiqviit nayugainut; unalu•iliurainiq avatiliqimik pimmarigharnikkut hiamitiqtaaqtunik.Igluqpak nappaktiqtaulirniaqtuq 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

ᐱᓕᓐᐊᓐᓴᐅᓂᐊᖅᑐᑦ

ᓇᒥ	ᖃᓄᐃᓕᑦᑐᒥᑦ ᐱᓕᓐᐊᖃᖅᓂᐊᖅᓯ	ᑭᖑᑦ ᓄᓇᕗᑦ	ᑐᙵᐅᒪᔭᖑᙵᑦ ᓄᓇᕗᓯ ᐊᑐᖏᓕᓪᓕᐊᖅᓯᒪᔪᓐᓇᖅᑐᓄᖅ	ᐃᑦᙵᓂᓕᖃᖅᖃᓕᓕᐅᕗᖅᓯ ᐃᓄᖅᓴᓄᑦ ᓇᔨᖅᑕᐅᖃᖅᑕᓕᖅᓂᓪᓚᕐᓂᖅ ᑕᐃᑦᓭᒪᓂᑐᖃᓕᓴᖅᑐᖅ	ᖃᓄᖅᓂᖅᓯᒪᔪᖅ ᓄᓇᕗᑦᓴᐅᔨᖅ ᐊᒻᒪᓗ ᓴᓪᒥᐅᓴᖃᐅᔪᓕᓗ ᓭᓄᓐᓄᑦ
Solid Waste Site	Municipal and Industrial Development	Municipal	Existing solid waste site	None	Within the municipal bounds

ᓄᓇᕗᐅᓯ ᐃᓕᐅᖃᑕᐅᓂᖅᓴᒃ ᓄᓇᓕᓪᓗ ᐊᐱᵇᑐᖅᓭᒪᐅᓯᓂᖅᓴᓄᑦ ᐃᑲᔨᑕᐅᔨᓴᓇᖅᑐᑦ

ᓄᓇᕗᑦᓴᖅ	ᐊᑎᑦ	ᑲᑐᔾᔨᐊᖃᖅᑎᑎᑦᓴᖅ	ᖃᓄᖅᓴᒋᓗ ᑐᓴᖅᑎᑕᐅᓕᐅᓇᐊᖅᑭᓚᓂᖅ
ᐊᐅᓱᐃᐃᑐᖅ	David General, SAO	Municipality of Grise Fiord	2025-01-14

ᓕᐃᓴᓐᓂᑦ ᐱᒍᓐᓇᐅᑎ ᐊᓐᑎᖅᑕᐅᓯᒪᔪᑦ

ᓇᒃᑎᐊᓐᓂᓂᒃ ᐱᓕᓇᐊᓇᕐᖁᐅᓂᐊᖅᑐᑦ ᑎᑎᕐᓗᑎᑦ:

ᓕᐃᓴᓐᓂᑦ ᐱᒍᓐᓇᐅᑎ ᐊᓐᑎᖅᑕᐅᓯᒪᔪᑦ

ᑲᕿᒪᑎᐅᐅᔨᑉ ᐊᖁᒃᑐᖅᓯᒪᐅᕐᓂᖅᓂᓂ ᒪᓕᑦᔨᓇᖅᓯᒪᔪᓂᒃ ᐱᕐᔪᕐᔨᓇᖅᓯᒪᔪᓐᓇ ᖃᒪᒃᑕ ᐱᔪᓇᐅᑎᑕᐅᓚᖅᓯᒃᑐᑦ ᓕᐃᓴᓐᓯᓗᓕᓇ ᖃᔪᓂᖃᒪᒃᑕᑦ	ᖁᓇᐃᑦᑐᓕᓇᐅᕐᓂ ᓕᐃᓴᓐᓯᑕᑎᐅᔪᖅᖁᓂ ᐱᔪᓇᐅᑎᑕᐅᓚᖅᓯᒃᑐᖅ ᐊᓐᑎᖅᑕᐅᔪᖅᓄᓇᓕᒃᑐᑦ	ᐃᓐᓇ ᖁᓇᐃᑕᓐᓂᕐᓂᓂ	ᐅᓪᓗᒥ ᑐᓂᔪᖅ/ ᑐᓯᔪᖅᑐᑎᑕᐅᓕᐅᖅᓯᒪᔪᖅ	ᑭᓪᓕᖁᖅᓴᓐᓂ
ᓄᓇᕗᒻ ᐃᒪᓕᓚᐃᓕᑦ ᑲᑎᒪᔨᖅᑕᑦ	Water Licence 3BM-GRI2025	Active	2020-12-09	2025-12-08

Project transportation types

Transportation Type	ᓯᓚᒧᑦ ᐊᑐᓕᐅᓂᐊᖅᐸ	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

ᓄᓇᓕᕐᓂᖅ

ᐊᓯᓚ,

ᐊᑐᓚᐅᓂᐊᖅᑐᖅ

ᐱᖏᑦ ᐊᖅᑎᕐᖅ ᐊᑐᖅᑕᐅᓂᐅᓴᕐᖅ ᐃᓕᖅᑲᓂᐅᑎᓗᑦ ᐃᑯᑕᐃᑦ, ᑎᓪᓗᐊᑭᑐᑦ, ᖃᖅᓴᑕᓯᖅ, ᓄᓇᓯᐅᑦ ᐊᓯᖅᑎᓪᓗ

ᐊᖅᑎᕐᖅ ᐱᖏᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᖅ ᖃᓄᐅᔨᒪᓂᖅ	ᖃᖅᑯᐅᐅᓪᓕᑦ	ᐊᖅᑎᓂᖅᑎᑦ - ᐳᖅᑐᓂᖅᑎᑦ	ᓯᓚᒧᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᐸ
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

ᑎᑎᕋᐅᓯᖏᓐᓄᑐ ᐅᖅᓯᓴᐃᑦ ᐊᑦᑕᓚᖅᑐᖅᑕᓪᓗᓂ ᐊᑐᖅᑕᐅᓂᐊᕐᓂᖅᑎᑦ

ᓯᓚᒧᑦ ᐅᖅᓯᓴᓱᑎᐊᖅ ᐊᑐᖅᑕᐅᓂᐊᖅᐸ	ᖃᖅᑯᐅᐅᓪᓕᑕᓪᓗᓂᐊᖅᑐᖅ ᐅᖅᓯᓴᓱᑎᐊᖅ	ᖃᖅᑯᓯᐅᕙᓪᓕᑦ ᐅᖅᓯᓴᓱᖃᐅᔪᑦ	ᐳᖅᓴᐃᐅᖅᐸ ᐃᒪᖃᖅᑎᑎᕐᓚᕐᓂᖅᓴᓐᓄᑦ	ᑲᑎᓪᓗᒍ	ᐳᖅᓴᐃᑦ ᐊᒥᓯᓂᖅᑎᑦ	ᓯᓚᒧᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᐸ
Diesel	fuel	1	10000	10000	Liters	Used to fuel heavy equipment during construction

ᐃᒪᖅ ᐊᑐᖅᑕᐅᔪᒪᖅᑐᖅ

ᐅᓪᓗ ᑕᒪᖅ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᖅ	ᖃᓄᖅ ᐃᒥᖅᑕᖅᑕᕐᓂᐊᖅᐸᑦ	ᓄᑭᑦ ᐃᒥᖅᑕᖅᑕᕐᓂᐊᖅᐸᑦ
0		

ᐊᑲᑕᑯᑦ

ᐊᑲᑕᑯᓕᓂᓂᐊᕐᓂᖅ

ᐱᓕᓗᐊᓗᐅᑲᓴᒪᔪᒍᑦ ᐱᓕᓗᐊᓗᐅᑲᓂᐊᖅᑐᖅ	ᖃᓄᐃᐃᑦᑐᖅ ᐊᑲᑕᑯᖅ	ᖃᓄᐃᑎᒋ ᐊᑲᑕᑯᑦ ᓴᖅᑭᐊᓂᐊᖅᑐᓗᐅᐳᑦ	ᖃᓄᐃᖅ ᐊᑲᑦᑕᐅᓂᐊᖅᐸ	ᓴᑐᒪᖅᓴᐅᑎᑦᓴᖅᓂᐅᓂᐊᖅᑐᑦ
Landfill	ᐊᑲᑕᑯᑦ ᐃᑯᐊᓪᑕᐅᔨᓐᓇᖅᑐᑦ	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	ᐊᑦᑕᓇᖅᑐᖅᑕᓪᓕᑦ	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	ᐊᑲᑕᑯᑦ ᐃᑯᐊᓪᑕᐅᔨᓐᓇᕐᑎᑦᑐᑦ	3.16 cubic metres per capita per year	Store in landfill. Compact and cover with granular material.	Segregate from household solid waste.

ᐊᐸᑎᑭᐅᑕᓂᑐᑦ ᐊᑲᑐᖅᑕᐅᓱᒪᔪᑦ

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

ᐃᓕᓴᕆ ᐊᐸᑎᐅᐊᓂᕐ ᖃᓄᐃᑦᑐᑦᓯᓇᐅᓂᖅᓱᒃ: ᓄᓇᐅᐊᓂᕐ ᖃᓄᐃᑦᑐᓂᖅᓱᒃ

This is critical municipal infrastructure within the municipal bounds

ᐃᓕᓴᕆ ᐊᐸᑎᐅᐊᓂᕐ ᖃᓄᐃᑦᑐᑦᓯᓇᐅᓂᖅᓱᒃ: ᐅᒪᔪᖅᑕᖃᖅᓂᖅᓱᒃ

This is critical municipal infrastructure within the municipal bounds

ᐃᓕᓴᕆ ᐊᐸᑎᐅᐊᓂᕐ ᖃᓄᐃᑦᑐᑦᓯᓇᐅᓂᖅᓱᒃ: ᐃᓄᓕᓇᓂᖏᓐᓄᑦᓱᒃᑲᓪᓚᕆᔪᓇᓂᖏᓐᓄᑦᓱᒃᑲᓪᓚᕆ

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

Miscellaneous Project Information

Not applicable

ᓄᓕᓄᐃᕐᑕᐅᓂᖅᑭᑦ ᐊᖏᑐᖃᕐᑕᐅᓯᒪᔪᑦ ᖃᓄᐃᑦᑐᓂᖅᑭᑦ ᐸᓪᐅᒥᐅᔪᓯᖃᕐᑕᐅᓂᐊᖅᓯᖅᑭᑦᓗ

Not applicable

Cumulative Effects

Not applicable

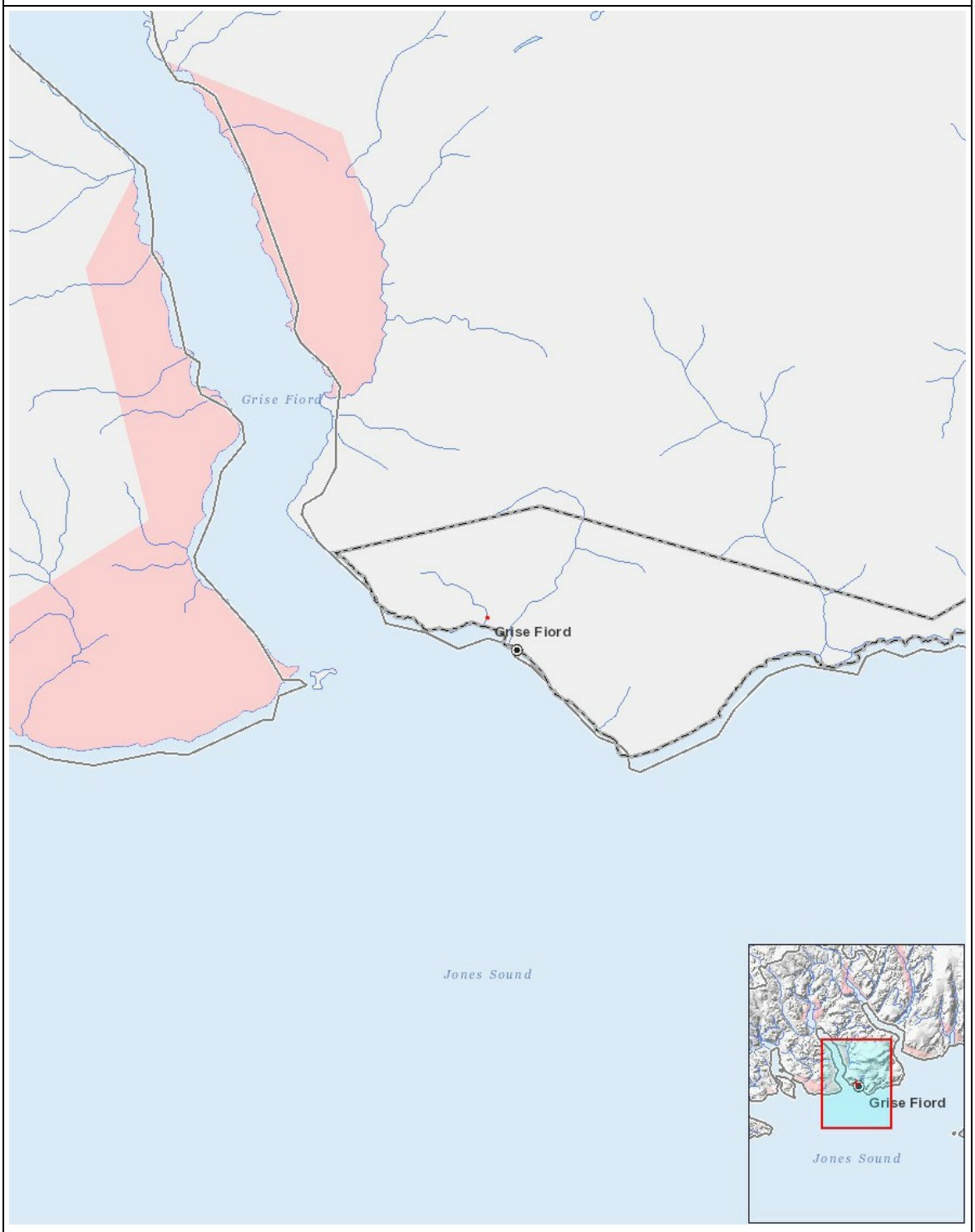
Impacts

ᓄᓇᓄᐃᖅᑕᐅᓂᖏᑦ ᐊᐸᑎᒥᐅᑕᓱᑦᑐᑦ ᐊᑲᑐᖅᑕᐅᓯᒪᔪᑦ

	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
ᐱᓇᓂᖅ																									
Municipal and Industrial Development		P	P	P	-	P	P	-	-	P	-	P	-		P	P	P	P	P		P	P	P	P	P
ᐅᓴᖅᑕᕐᓂᖅ																									
Municipal and Industrial Development		P	P	P	-	P	P	-	-	P	-	P	-		P	P	P	P	P		P	P	P	P	P
ᐃᑐᑦᑎᓗᓂᖅ																									
-		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

(P = ᐊᑲᐅᓇᑭᑎᓴᓂᖅᑐᑦ, N = ᐊᑲᐅᖏᑦᓴᑕᐅᓴᓂᖅᑐᑦ <ᓪᓚᐅᒥᓴᓯᖅᑐᖅᑕᐅᓴᓂᖅᑐᑦᓗᓐᓄ, M = ᐊᑲᐅᖏᑦᓴᑕᐅᓴᓂᖅᑐᑦ <ᓪᓚᐅᒥᓴᓯᖅᑐᖅᑕᐅᓴᓂᖅᑐᑦᓗᓐᓄ, U = ᖃᐅᐅᔨᓂᖏᑦᑐᖅ)

ᓇᒋᒪᓱᓚᖅ ᐱᓕᓀᐊᓀᓴᐅᔨᖅ



List of Project Geometries

1	polygon	Solid Waste Site