



NIRB Application for Screening #126439

Renewal and Amendment of the Hamlet of Pond Inlet Water Licence #3BM-PON2025 - Water Supply Facility

Application Type: New

Project Type: Municipal and Industrial Development

Application Date: Thursday, August 13, 2026

Period of operation: from 2028-09-01 to 2048-09-01

Project Proponent: Municipal Works Division
Government of Nunavut
p.o. box 700 station 1000
Iqaluit Nunavut x0a0h0
Canada
Phone Number:: 867-975-5478, Fax Number::

Non-technical project proposal description

[illegible]

Inuinnaqtun: Nunavut Kavangant Havaqviangit Ingilrajuliqjittukullu Aulapkaidjutikhangitlu Nunavunmi, angirutiqakhutik talvanga Nunalaani Mittimatalik Katimajiinin, uuktuliqtun nuutaanguqtirutikharnik Mittimatalikmi nunalaani imarmik laisikharnik 3BM-PON2025 napaqtirutikharnik auladjutikharniklu nuutaamik imiqtarvikharnik. Uumani uukturutimi, aulapkaitjutikhanik aallanguqtirutiqangittuq tukhiqtauhimajuq laisiquaqtumun anaqtautiqarvikmun, iqqakuurvingmun, nunamilu halummaqhivikmun. Tamna nuutaanguqtiqhimajut imarnik laisikhangit ilauqarniaqtuq himiqtaujaangat aulajuq imiqtarvikharnik iglukharnik nuutaamik iglukpakharnik taima 20nik ukiunganik katitirutikharnik naunairutiqarniaqtuq talvuuna havaaqhangit nunalaani inugiakhivalialiqtunik. Nutaag imaqarvikhaq inniaqtuq tamaat haamlatkut nunainni. Igluqpak piqaqniaqtuq nutaamik halumaqidjunmik igluqpangmik atajumik halumaqhitiqaqtumun immaqmik uvalu havauhianun iqakuuqvikmik. Halumaittuq imaq pihimmaaqniaqtuq tahamaniittumin imiqtarvingmin Salmon Creek-min atuqluni itiqtirutimik centrifugal pump-mik ukiumilu nunakkut aulavikhamik tuqhuamik aulapkariami imaq tahamaniittumun imaqarvikmun angiklihaqtauniaqtuq tutquumavianun imaatun 207,462 cubic metres-mik. Amigaigjuumidjutikhanik imiqtarvikhanik tukhiutaujuq ihuariakhanik nunamingni imarmik pijumajainut. Tukhiqtaujuq utiqtirnikkut kiklikhait imaa 2,051 cubic metresmik attauhiq ubluq hamanga Salmon Creekmin, imaa 111,803 cubic metresmik attauhirmi ukiumi hamanga Salmon Creekmin, uvalu imaa 166,846 cubic metresmik attauhirmi ukiumi tamainin auladjutinin (Salmon Creek uvalu imiqtaqvik). Taimaaqtirnikkut kiklikhait ikajuqtaujuq imakkut ihivriurutinin havaktauhimajumin. Mikijut nunalaani havaaqhangit aulaniaqtun aujami atulihaaligumi ukiakhaliqan 2026mi, nutqaqtitauniaqtun ukiuk 2026nguqtinani. Najugaani nappaqtirniq aulahimaarniaqtuq 2027mi 2028milu kingulliqaamik iliuraqtauningani pauwaliqivik niriuktaujuq ukiakhami 2028mi. Hanajaujaami tamajat kitullikaarlu hivuranaqtun iqqakukhat nuutiqauniaqtun talvunga talvangalu nunallaamin umiakkut akjautikkut. Havaktut naunaijaqhimajut uvani havaaghami uuktuutini auladjutighait imiqtarviit. Atukaffuktuq igluqpinikkut aulaarvikhaq uuktuut haffumunga igluqpinikkut tunijauniaqtuq ilikkut katulaaktumin.

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
Existing and Future Water Supply Facility	Municipal and Industrial Development	Municipal	Water treatment facility site for the municipality	N/A	Within the municipality

Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Pond Inlet	Council and SAO	Municipality of Pond Inlet	2025-10-24

Authorizations

Indicate the areas in which the project is located:

North Baffin

Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Nunavut Water Board	3BM-PON2025	Applied, Decision Pending	2020-06-30	2025-06-29

Project transportation types

Transportation Type	Proposed Use	Length of Use
Air	Construction personnel for water treatment facility to fly in	
Water	Sealift of construction materials and resupply of operations and maintenance materials for the water treatment facility	
Land	Local construction personnel and operations personnel for the water treatment facility will be locals	

Project accomodation types

Community

Material Use

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

Equipment Type	Quantity	Size - Dimensions	Proposed Use
Submersible Pump	2	xyz	For operations phase of water treatment plant to draw water from the reservoir into the water treatment plant.
Centrifugal Pump	1	xyz	For operations phase of water treatment plant to draw water from Salmon Creek into the reservoir.
Treated Water Trucks	4	xyz	For operations phase of water treatment plant to deliver water to tanks in the community.
Heavy equipment	10	xyz	For construction phase of new water treatment plant for earthworks, landscaping, and grading.

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	250000	250000	Liters	For operations phase to run the boilers and genset of the water treatment plant. Quantity of fuel is the size of the fuel tank. Approximately 250,000 Litres of diesel to be used annually per year of operation.
Sodium hypochlorite 12%	hazardous	1	2569	2569	Gallons	For operations phase. For disinfecting water and cleaning the treatment equipment. Approximate annual quantities provided are for the year 2048, which would be the maximum amount.
Soda ash	hazardous	1	25025	25025	Kg	For operations phase. For pH adjustment of water during treatment. Approximate quantities provided are for the year 2048, which would be the maximum amount.
Aluminum	hazardous	1	22286	22286	Kg	For operations phase.

chlorohydrate						For treatment (clarification) of water. Approximate quantities provided are for the year 2048, which would be the maximum amount.
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Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
2051	Centrifugal pump	Salmon Creek

Waste

Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Municipal and Industrial Development	Hazardous	0.5 - 40' seacan in volume for construction phase	Hazardous waste such as extra paint, oil, etc. to be barged offsite of the municipality	Hazardous waste will be delivered to an accredited hazardous waste disposal facility in the South
Waste disposal	Hazardous waste	None for operations phase	N/A	N/A
Municipal and Industrial Development	Non-Combustible wastes	7 - 40' seacans in volume for construction phase	Non-hazardous construction waste to be brought to the municipal solid waste facility. Breakdown of volume: 3-40' seacans of miscellaneous packaging waste from equipment and materials, 2-40' seacans of daily waste generated during construction activities, and 2-40' seacans of cardboard/crate waste	None
Waste disposal	Other, Treatment process wastewater	Up to 31,700 m ³ per year by year 20 of operation	Municipal sewage lagoon	Not required

Environmental Impacts:

This is critical municipal infrastructure within the municipal bounds at the site of the existing water supply facility.

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 at the site of the existing water supply facility.

Description of Existing Environment: Physical Environment

This is critical municipal infrastructure within the municipal bounds at the site of the existing water supply facility.

Description of Existing Environment: Biological Environment

Salmon Creek is a fish habitat during open water season.

Description of Existing Environment: Socio-economic Environment

The construction phase will create business for hotels, restaurants, and other services in the communities during the construction phase. Local employment for construction will be procured following Government of Nunavut procurement policies. The operations phase will create skilled jobs in the community. The water supply facility will require full-time and part-time certified, operators. Having a reliable supply of water, supports enterprises such as hotels to better serve their customers without disruptions, and facilitates the establishment of new local businesses that have high water demands.

Miscellaneous Project Information

N/A

Identification of Impacts and Proposed Mitigation Measures

Water withdrawal from Salmon Creek will comply with the Fisheries Act. A DFO rated fish screen will be installed on the intake and withdrawal rates will be <10% of actual (instantaneous) flow and will not result in flows <30% of mean annual discharge, and erosion and sedimentation controls will be in place.

Cumulative Effects

N/A

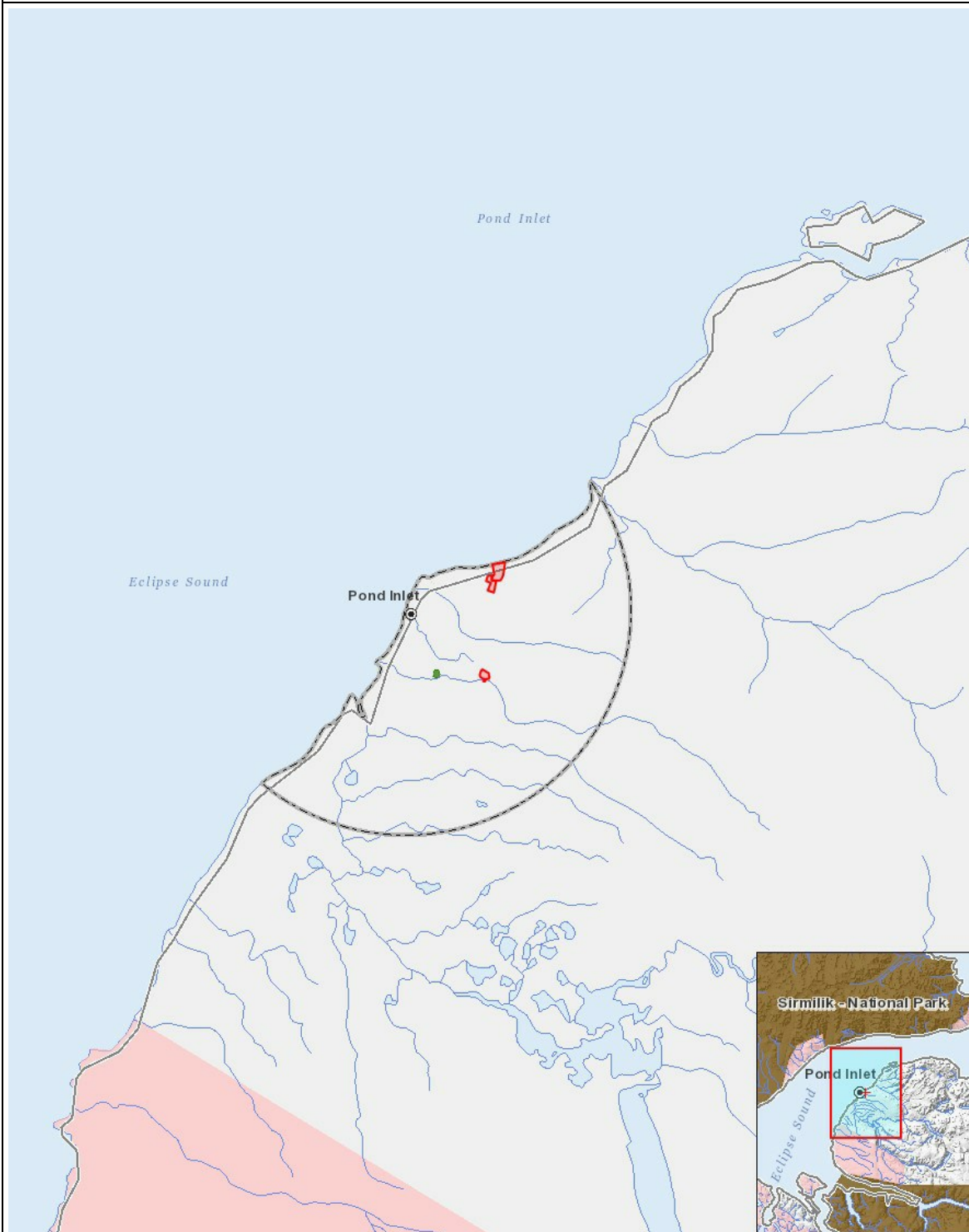
Impacts

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		M	M	M	-	M	M	M	M	M	M	M	M		M	M	M	M	M		M	P	M	P	M
Operation																									
Municipal and Industrial Development		M	M	M	-	M	M	M	M	M	M	M	M		M	M	M	M	M		M	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 | Existing and Future Water Supply Facility |
| 2 | polygon | Solid Waste Disposal Facility |
| 3 | polygon | Sewage Disposal Facility |