NIRB Application for Screening #125864
Kinngait Sealift Improvements Project

Application Type:	New
Project Type:	Coastal Infrastucture
Application Date:	11/13/2023 5:22:07 PM
Period of operation:	from 0001-01-01 to 0001-01-01
Proposed Authorization:	from 0001-01-01 to 0001-01-01
Project Proponent:	Victoria Burdett Coutts 1409 Union Street Port Moody British Columbia V3H3X5 Canada Phone Number:: 17788392372, Fax Number::

DETAILS

Non-technical project proposal description

English: The Hamlet of Kinngait (the Hamlet), with the support of the Government of Nunavut (GN), Economic Development and Transportation (EDT), has obtained funding from Transport Canada (TC) under the Oceans Protection Plan (OPP) Program for improvements to sealift safety and security (the Project). The Hamlet has engaged the Qikiqtaaluk Business Development (QBDC), a wholly owned subsidiary of the Qikiqtaaluk Corporation (QC), the development arm of the Qikiqtani Inuit Association (QIA), to manage the Project on behalf of the Hamlet. Worley Canada Services Ltd. (Advisian) and Pilitak Enterprises (the Contractor) have been retained to design and construct the improvements. The Project includes the construction of a new sealift laydown area and barge ramp at the site of the existing sealift facilities. An existing quarry that is within the Hamlet and located east of the airport runway will be used for the Project. Construction is anticipated to start at the end of May 2024 and be completed by the end of the 2024 open-water season. Consultations with the Hamlet, the Aiviq Hunters and Trappers Organization (HTO), sealift carriers, the local QC fisheries representative, and residents, as well as briefings to the QIA, have been ongoing since a planning study was completed in early 2020. Community and stakeholder engagement will continue throughout the Project until its completion. Letters of support from the community are attached.

French: N/A

Inuktitut: ᐄᐊᒻᓪᓚᖅᑯᑦ ᑭᓐᖓᐃᐸᑦ (ᐄᐊᒻᓪᓚᖅᑯᑦ), ᐃᑲᔪᖅᑕᐅᓵᓗᑎᒃ ᓄᓇᕗᑦ ᒪᓕᒪᖅᑯᓂᓪᑦ, ᐱᓕᕆᓪᓕᔪᓐᓇᖅᑯᑦ ᐊᒻᒪᓗ ᐃᓕᓴᕐᕋᔪᓪᓕᖅᑯᑦ, ᑭᓇᐅᔭᕆᓴᖅᑕᓪᓚᐅᖅᑐᑦ ᐃᓕᓴᕐᕋᔪᓪᓕᖅᑯᑦ ᑲᓇᑕ ᐊᑕᒍᑦ ᐃᒪᘐᓂ ᐊᐅᑦᑕᐊᓪᓕᖅᑐᑦ ᐊᑦᑕᖏᓐᓄᑦᑐᓂᓗᑎᒃ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑕᐅᔪᖅ ᐱᐅᓯᓂᓪᓕᖅᑎᓪᓗᒍ ᐅᒥᐊᓕᕆᓪᓕᖅᑐᑦ ᐱᐅᓯᓂᓪᓕᖅᑎᓪᓗᒍ ᐊᑦᑕᖏᓐᓄᑦᑐᓂᓗᑎᒃ (ᐱᓇᓴᐅᔪᖅ). ᑕᕐᑯᐊ ᐄᐊᒻᓪᓚᖅᑯᑦ ᐱᓪᓗᖅᑎᑦᓯᓚᐅᖅᑐᑦ ᖃᑭᖅᑕᓪᓚᖅ ᓇᖕᒥᓂᔪᒪᓪᓗᓂ ᐱᓯᓂᓪᐊᑎᑦᓯᓂᓪᓗᑦ ᔪᐊᐅᓱᐊᖏᓪ, ᓇᖕᒥᓂᔪᒪᑎᓴᐅᔪᖅ ᖃᑭᖅᑕᓪᓚᖅ ᔪᐊᐅᓱᐊᖏᓪ ᑎᒥᔪᑕᑦ ᐱᓯᓂᓪᐊᑎᑦᑎᓂᓪᓘᑦ ᖃᑭᖅᑕᓂᓂ ᐃᓄᐃᑦ, ᐊᐅᓪᓚᑦᑎᓂᑐᑦ ᖃᑭᖅᑕᓂᓂ ᐃᓕᓴᕐᕋᔪᓪᓕᖅᑐᑦ ᑭᓱᓕᖅᑐᑦ ᐅᓂᖅᑐᑦ ᐃᓕᓴᕐᕋᔪᓪᓕᖅᑐᑦ ᐄᐊᒻᓪᓚᖅᑯᑦ. ᔪᐊᓪ ᑲᓇᑕ ᐱᓕᕐᑎᕆᖅᑎᑦ ᑎᒥᖓ (ᐊᑦᖃᓕᓯᐊᓐ) ᐊᒻᒪᓗ ᐱᓪᓚᑕᒃ ᑲᑦᐸᓂᖓ (ᑲᓐᑐᕆᒃᑕᐅᓯᒪᔪᑦ) ᐱᓪᓚᓱᓂᐊᖅᑐᑦ ᖁᓇᓯᒪᓂᐊᖅᓂᖓᓂ ᐊᒻᒪᓗ ᖁᓇᓯᒪᔪᖅ ᐱᐅᓯᓂᓪᓕᖅᑐᓂᓂᔪᒃ. ᐅᓇ ᖁᓇᖅᐅᔪᖅ ᐃᓪᓕᖅᑐᖅᑐᑦ ᖁᓇᓯᒪᔪᖅ ᐅᒥᖅᑕᐅᔪᖅ ᐅᒥᐊᓕᕆᓪᓚᐅᖅᑎᑦ ᐅᒪᖅᑐᑦᓯᓚᑦ ᐊᐃᒪᓐᓇᖅᑐᑦ ᐊᒻᒪᓗ ᓯᑲᐅᔪᑦᓯᒪ ᐃᓄᖅᑐᑦᓯᓚᑦ ᐊᐅᓯᓂᓪᓕᖅᑐᑦ ᐱᓪᓚᑕᒃ ᐅᒪᖅᑕᐅᔪᖅ ᐅᒥᐊᓕᕆᓪᓚᐅᖅᑎᑦ. ᐃᓪᓕᖅᑐᑦ ᐊᑐᖅᑕᐅᔪᖅ ᑐᑭᓯᐊᓂᖅᑐᑦ ᐊᒻᒪᓗ ᑕᐅᔪᖅᑐᑦ ᐱᐅᓯᓂᓪᓕᖅᑐᑦ ᐊᒻᒪᓗ ᓯᓚᐅᓗᒃ ᐅᒥᐊᓕᕆᓪᓚᐅᖅᑎᑦ ᐊᒻᒪᓗ ᐱᐅᓯᓂᓪᓕᖅᑐᑦ ᐊᒻᒪᓗ ᐱᓪᓚᑕ

Activities

Location	Activity Type	Land Status	Site history	Site archaeological or paleontological value	Proximity to the nearest communities and any protected areas
Kinngait is located on Dorset Island near Foxe Penninsula at the southern tip of Baffin Island in the Qikiqtani Region of Nunavut (64° 13.923'N, 76° 32.874'W)	Offshore Infrastructure (port, break water, dock)	Municipal	N/A	N/A	Salluit 230 km south, Western Hudson Strait EBSA

Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Cape Dorset	see proponent details, see attached consultation log	Hamlet	2019-08-21
Cape Dorset	see attached consultation log	Alviq Hunter and Trappers Association	2019-08-22
Cape Dorset	Hamlet Council - see attached consultation og	Hamlet Council	2019-11-13

Authorizations

Indicate the areas in which the project is located:

Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Government of Nunavut, Community Government & Services	Land Use Permit (No. LUP-2023-002)	Active	2023-09-27	
Fisheries and Oceans Canada	Section 35(2) FAA	Not Yet Applied		
Transport Canada	Approval	Not Yet Applied		
Natural Resources Canada	Authorization of Explosives Magazine License (No. U301693/E)	Active		
Hamlets and Municipalities	Municipality of Kinngait Land Use Permit (use of explosives)	Active		
Hamlets and Municipalities	Municipality of Kinngait (Development Permit)	Not Yet Applied		
Indigenous and Northern Affairs Canada	Land Use Permit	Not Yet Applied		

Project transportation types

Transportation Type	Proposed Use	Length of Use
Air	The Project will use Pilitak's aircraft for construction personnel but may need to use commercial flights at times.	

Project accomodation types

Community

Other,

Material Use

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

Equipment Type	Quantity	Size - Dimensions	Proposed Use
Front End Loader	2	20.25 ft high x 7.91 ft wide	loading aggregates
Excavator	2	30 to 40 tons	Handing aggregates
Drill	1	5 ton	Aggregate production
Conventional Truck	3	22 ton	Hauling aggregates
Fuel Truck	1	NA	Fueling equipment
Rock truck	2	30 ton	Hauling aggregates
Compactor	1	20 ton	Compacting
Water truck	1	15 ton	Dust control
Pick-up Trucks	3	1/2 ton	Transport crew and materials/tools

Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Diesel	fuel	5	100000	500000	Liters	Mobile equipment, generators and heaters
Gasoline	fuel	2	500	1000	Liters	Mobile equipment, generators and heaters
Lubes and oils	hazardous	10	5	50	Gallons	Maintenance of mobile equipment
Explosives	hazardous	5	8	40	Metric Tons	Quarrying

Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
4	Water use will be provided through Municipal sources.	Muncipality.

Waste

Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Waste disposal	Combustible wastes	2 tons	Hamlet landfill	NA
Waste disposal	Greywater	500m3	Municipal sanitary truck to Municipality sewage lagoon	NA
Waste disposal	Hazardous waste	2000 L	Returned to south in sealed drums or lined bags, transported in 20 ft shipping containers and disposed in accordance with regulatory procedures.	NA
Waste disposal	Non-Combustible wastes	0.25 tons	Hamlet landfill	NA

Environmental Impacts:

See Section 3 (potential environmental effects) and Section 4,2 (Mitigation Measures and Procedures) in the Construction Environmental Management Plan Report.

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

see Sections 1, 2, Table A-2 in PSIR

SECTION D2: Facility Construction

see Section 2.1.2, Table A-2 in PSIR Report, Section 2 in CEMP

SECTION D3: Facility Operation

see Section 2.1.3, Table A-2 in PSIR

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

N/A

SECTION H2: Disposal At Sea

N/A

SECTION I1: Municipal Development

Description of Existing Environment: Physical Environment

See Section 6.4 of PSIR Report

Description of Existing Environment: Biological Environment

See Section 6.5 of PSIR Report

Description of Existing Environment: Socio-economic Environment

See Section 6.6 of PSIR Report

Miscellaneous Project Information

N/A

Identification of Impacts and Proposed Mitigation Measures

See Section 7.1 and 7.2 of PSIR Report, see Construction Environmental Management Plan (CEMP)

Cumulative Effects

No cumulative effects are expected. See Section 7.4 of PSIR Report

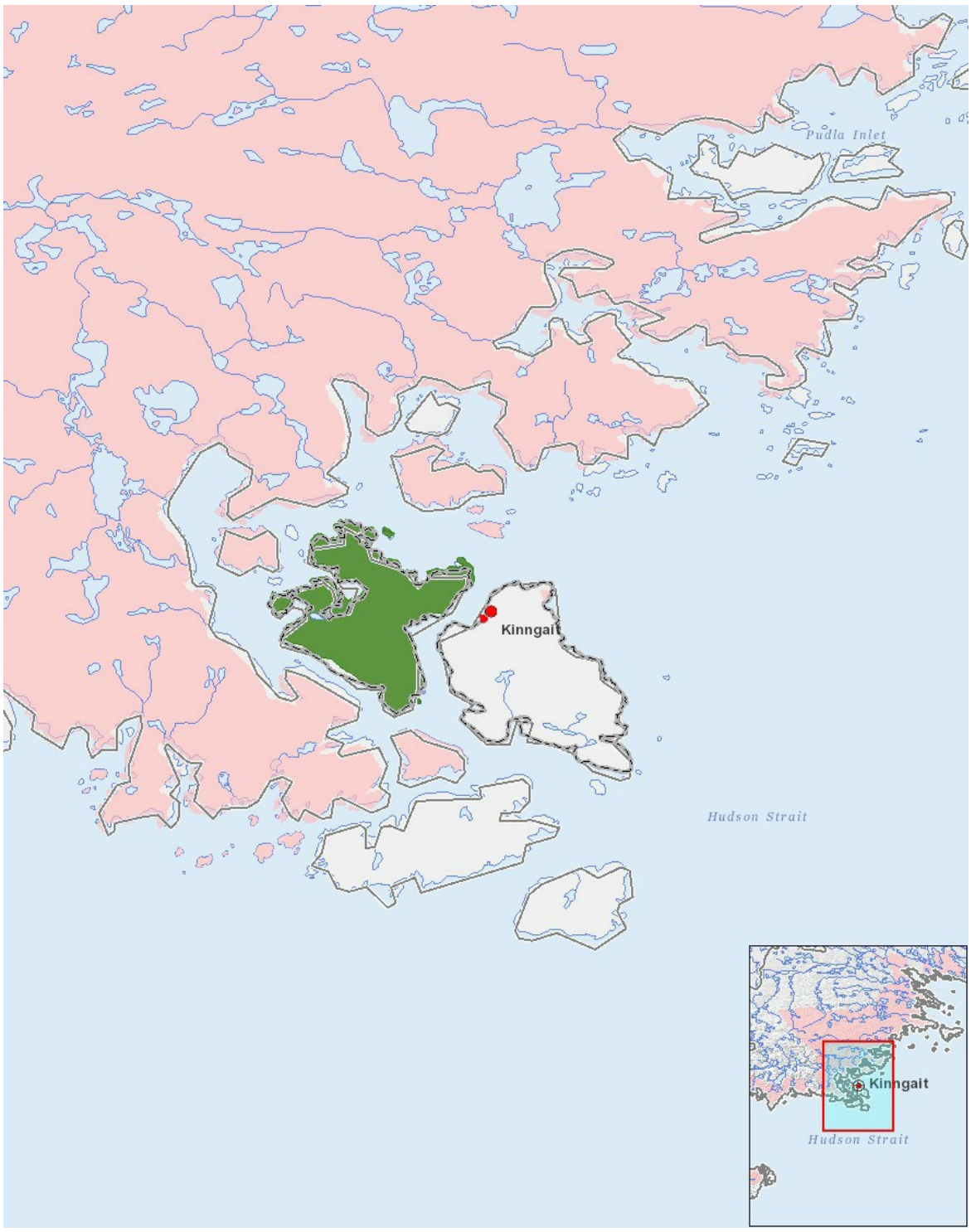
Impacts

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																									
Offshore Infrastructure (port, break water, dock)		-	-	-	-	M	-	-	-	M	M	M	M		M	M	M	M	-		-	P	M	M	M
Operation																									
Offshore Infrastructure (port, break water, dock)		-	-	-	-	-	-	-	-	-	-	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	Kinngait Sealift Safety and Security Project
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21	polyline	Kinngait Sealift Safety and Security Project
22	polyline	Kinngait Sealift Safety and Security Project
23	point	Kinngait is located on Dorset Island near Foxe Penninsula at the southern tip of Baffin Island in the Qikiqtani Region of Nunavut (64° 13.923'N, 76° 32.874'W)