



NIRB Application for Screening #125984

Sealift laydown Area

Application Type: New

Project Type: Coastal Infrastructure

Application Date: 7/17/2024 5:54:45 PM

Period of operation: from 2024-06-14 to 2025-09-30

Project Proponent: Sandi Gillis
Qillaq Innovations
PO Box 33
Cambridge Bay Nunavut X0B 0C0
Canada
Phone Number:: 867 983 2818, Fax Number::

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
Sealift Laydown Area by Tank Farm	Marine Based Activities	Municipal	Unused land	None	Cambridge Bay

Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Cambridge Bay	Jim MacEachern	Municipality of Cambridge Bay	2023-06-01

Authorizations

Indicate the areas in which the project is located:

Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Fisheries and Oceans Canada	Contacted but no reply.	Not Yet Applied	2024-04-01	
Nunavut Water Board	They referred us to DFO and NPC	Active	2024-04-01	
Hamlets and Municipalities	Joint project with the Municipality	Active	2023-04-01	

Project transportation types

Transportation Type	Proposed Use	Length of Use
Land	The equipment will be using the roads to construct the project.	

Project accomodation types

Other,

Material Use

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

Equipment Type	Quantity	Size - Dimensions	Proposed Use
Dozer	2	16'	Spreading Material
Excavator	2	30Ton	Ditching and Levelling
Compactor	1	20 ton	Packing Material
Rock Truck	1	30 ton	Moving Material
Tandem Dump Trucks	3	10 ton	Hauling Aggregate

Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Lubes and oils	hazardous	10	5	50	Gallons	Maintence of mobile equipment

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	Non-Combustible wastes	20 cubic meters	Haul metals that were strewn on the ground and haul it to the metal dump.	None

Environmental Impacts:

With the exception of the loss of sea bed footprint do to the construction of the sealift laydown area and ramp, there are no residual effects except subsequent to the implementation of project mitigation and monitoring measures. There will be no environmental and socio-economic effects associated with this project. Sea bed residual effects will be managed directly with DFO Canada. This is a community project being led by the Municipality, with over whelming support from the residents of Cambridge Bay. The community is excited about this newly developed sealift area. The community does not anticipate any major effects on wildlife from noise and construction activities. There is no harvesting of wildlife in or around the project, and hunters do not anticipate that the construction will have any impacts on wildlife.

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

The Project encompasses a permanent footprint that is approximately 100 meters X 150 meters. The seaward extents 150m from shoreline to a the barge ramp. This will be used by sealift carriers barges, where material will be unloaded and taken to the sealift laydown area. The Boat ramp will be 15 meters long with 50% of this area placed in the water and 50% of this area will be above the high water mark. Leading up to the concrete boat ramp will be a gravel access area built with 3/4 inch gravel. Adjacent to the new concrete boat ramp will be a pushout. This pushout will be 15 meters wide by 25 meters long with 50% of this area placed in the water and 50% of this area above the high water mark. Leading up to the concrete boat ramp will be a gravel access area built up of 100mm crushed gravel topped off with 19mm crushed gravel.

SECTION D2: Facility Construction

The construction of the Project is expected to require rock (crushed aggregate), which will be taken from the Qillaq existing Quarry. Construction of the project will be completed August 31, 2025 open water season using land based equipment.

SECTION D3: Facility Operation

The Hamlet of Cambridge Bay will be responsible for the operations of the Project and will be responsible for maintenance of the facility. As the Project is a public facility, there will not be any access restriction. The Hamlet will be responsible for dust control.

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

Description of Existing Environment: Physical Environment

Cambridge Bay experiences long, cold winters and short ice free periods in the open water season. The project is not in close proximity to any other designated or protected area. There are no sensitive habitats within the identified area for breeding, spawning or nursery habitats for marine species. The Qillaq quarry and haul road are on existing developed lands.

Description of Existing Environment: Biological Environment

The Sealift area does not effect any existing nesting habitats. The project occurs where human activity is prevalent. The Qallaq quarry is an existing municipal quarry and aggregate hauling activities will occur along existing gravel roads.

Description of Existing Environment: Socio-economic Environment

Miscellaneous Project Information

Identification of Impacts and Proposed Mitigation Measures

Cumulative Effects

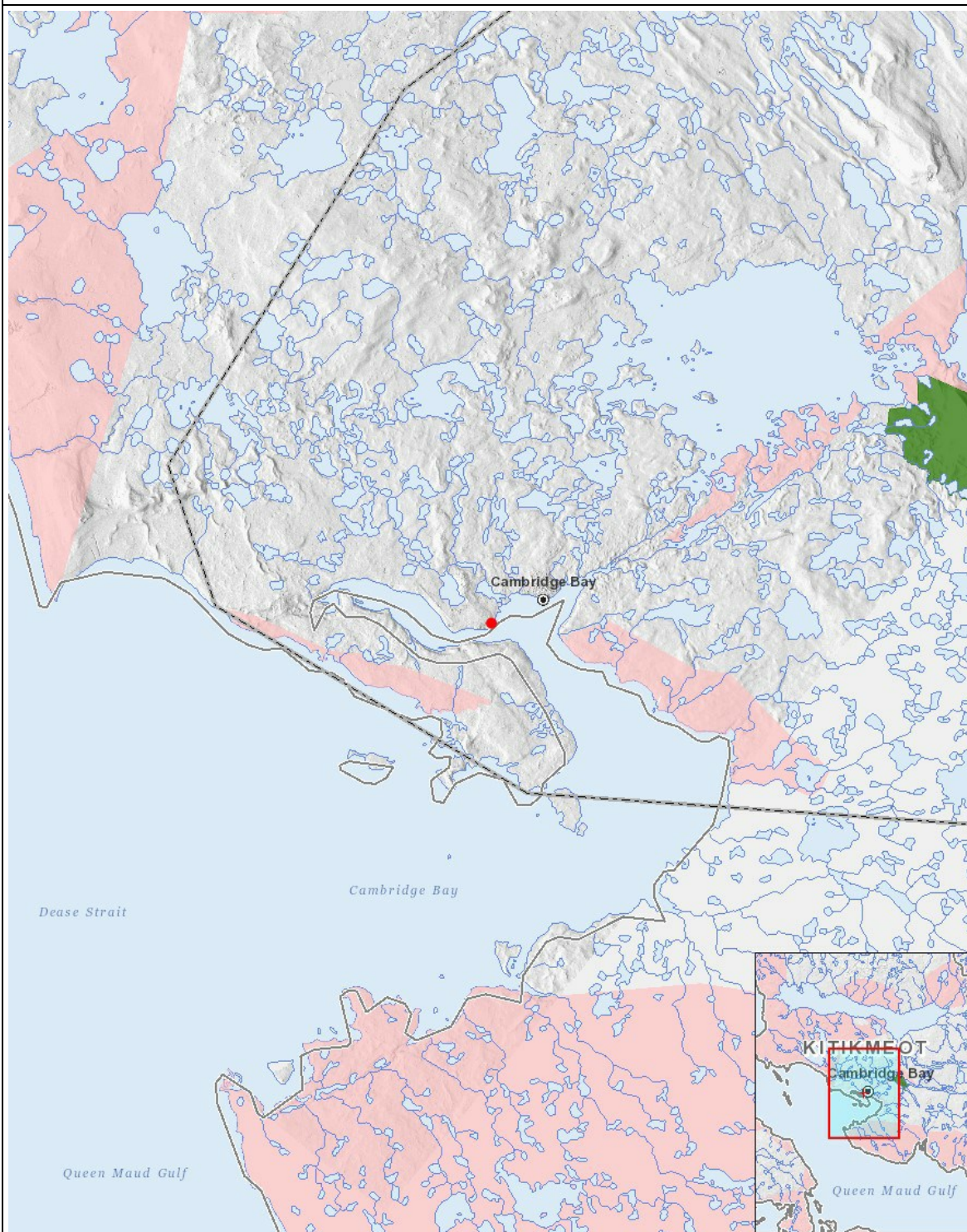
Impacts

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																									
Marine Based Activities		-	-	-	-	M	-	-	-	M	M	M	M		M	M	M	M	-		-	P	M	M	M
Operation																									
Marine Based Activities		-	-	-	-	-	-	-	-	-	-	M	M		-	-	-	-	-		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	point	Sealift Laydown Area by Tank Farm
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