



NIRB Application for Screening #125891

Dundee Bight Operational Camp - Qausuittuq National park

Application Type: New

Project Type: Infrastructure

Application Date: 3/7/2024 9:04:14 AM

Period of operation: from 2024-07-01 to 2024-08-31

Project Proponent: Valerie Amarualik
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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
Dundee Bight Permanent Camp Site	Camp	Crown	Qausuittuq National Park, temporary camp since 2016. Site has proven to be suitable for a permanent camp and specific upgrades are proposed in this assessment.	A Parks Canada archaeologist has been given all relevant information, photos and previous survey results for review.	Approx 200kms from Resolute bay
Dundee Bight Permanent Camp Site	Fuel and chemical storage	Crown	Since the site has been a temporary camp we have had 4-10 barrels of Diesel, MoGas and/or JetA at times. As this is becoming a permanent camp we are likely to have up to 50 drums of fuel at times	Parks Canada archaeologist is examining potential, but preliminary surveys have not found anything in the immediate area.	less than 200kms to Resolute Bay
Dundee Bight Permanent Camp Site	Airstrip use or construction	Crown	Existing runway will be used and maintained for Twin Otter. Pilots instructed to not land if caribou spotted in the area. Local gravel and dirt will be used to fill holes and ruts as needed.	A Parks Canada archaeologist has been given all relevant information, photos and previous survey results for review.	less than 200kms to Resolute Bay
Dundee Bight Permanent Camp Site	Researching	Crown	As base camp for Parks Canada our ecological integrity monitoring will be based out of the site. Non-invasive measuring of Permafrost, plant species and blooming time, weather and snow cover could all be measured.	A Parks Canada archaeologist has been given all relevant information, photos and previous survey results for review.	less than 200kms to Resolute Bay
Dundee Bight	Other	Crown	Site will be used	A Parks Canada	less than 200kms

Permanent Camp Site			for engagement and consultation with Resolute Bay community, including an in the park Park Management Committee meeting every 2-5 years. Opportunities for elder / youth camps and other community engagement will be explored.	archaeologist has been given all relevant information, photos and previous survey results for review.	to Resolute Bay
Dundee Bight Permanent Camp Site	Tourism Activities	Crown	Since the creation of the National Park in 2015, Park Staff have been exploring the area for a suitable camp location to support Parks Canada Operations. Tourism and research infrastructure will be built, there are currently 2 shelters for staff and community members who are accessing the area for operational, visitation, cultural or emergency purposes	Parks Canada archaeologist is examining potential, but preliminary surveys have not found anything in the immediate area.	The nearest community is Resolute Bay, NU, found 193km southeast of Dundee Bight

Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Resolute Bay	Aleesuk Idlout (chair)	Qausuittuq Park Management Committee	2024-02-19

Authorizations

Indicate the areas in which the project is located:

Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Parks Canada	An internal Parks Canada Impact Assessment is underway. A Cultural resource assessment is also underway by Parks Canada archaeologist.	Applied, Decision Pending	2024-03-04	

Project transportation types

Transportation Type	Proposed Use	Length of Use
Air	Twin Otter, Helicopter	
Land	Snowmobile	

Project accomodation types

Permanent Camp

Material Use

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

Equipment Type	Quantity	Size - Dimensions	Proposed Use
Twin otter	4	1	Transport of staff, supplies and equipment from Resolute Bay
Water pump	1	1	draw water from nearby stream
Generator (solar/battery))	1	1	power equipment charge batteries
Generator (gas)	1	1	backup generator if weather prevents solar/battery generator use
Helicopter	1	1	Some helicopter use between Dundee camp and other areas of park (e.g., Dome camp, Young Inlet)
Hand tools/power tools	12	1	Construction of shelters, maintenance of structures and equipment

Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Diesel	fuel	4	205	820	Liters	heating of two cabins via geo-stoves
Gasoline	fuel	4	205	820	Liters	refuel of skidoos
Aviation fuel	fuel	42	205	8610	Liters	refuel of twin otter and heli

Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
0	We will use a pump and approx. 400m of hose to draw from a small stream north of Dundee camp. Water will be stored on site in a 200gal water approved tank. No fish have been seen in this stream	small unnamed stream ~400m north of camp

Waste

Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Camp	Greywater	20L/day	A covered grey water pit will be constructed by burying a perforated 205L drum and then filling with rocks of various sizes. Grey water from kitchen/dishes will be lugged by hand to pit and dumped to percolate back to water table.	none
Camp	Non-Combustible wastes	0.5m ³ /d	Garbage will be stored on site in hard sided shelter until removal via Twin Otter and/or skidoo in spring. Garbage will be disposed of properly in Resolute Bay or if required, sealifted to a southern facility for disposal	Bagged and sent out for disposal
Camp	Sewage (human waste)	10L/day	Currently Pacto or Barrel style is used and transported out via Twin otter or Skidoo for proper disposal in Resolute. We are checking on feasibility of propane incinerating toilet. The ashes from this would be flown out as garbage for proper disposal in Resolute Bay.	Pacto and barrel style human waste collected, will be treated as hazardous waste and all Safe Work Practices followed.

Environmental Impacts:

See attached project description and site assessment. There will be some compaction of the soils around the site with increased foot traffic and the temporary camp. Low impact camping practices will be used. There are potential tent circles in the area (that information still needs confirmation), but the camp would be across the river from that site. Furthermore, staff are well aware of how to avoid disturbing archaeological/cultural sites. Fuel will be stored with secondary containment and a spill kit will always be available on-site. Waste will be packed in waste bags and transported out to Resolute for proper disposal. The camp area will be restricted to a 50 x50 bear fence to minimize impact.

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

Description of Existing Environment: Physical Environment

Description of Existing Environment: Biological Environment

Description of Existing Environment: Socio-economic Environment

Miscellaneous Project Information

Identification of Impacts and Proposed Mitigation Measures

Cumulative Effects

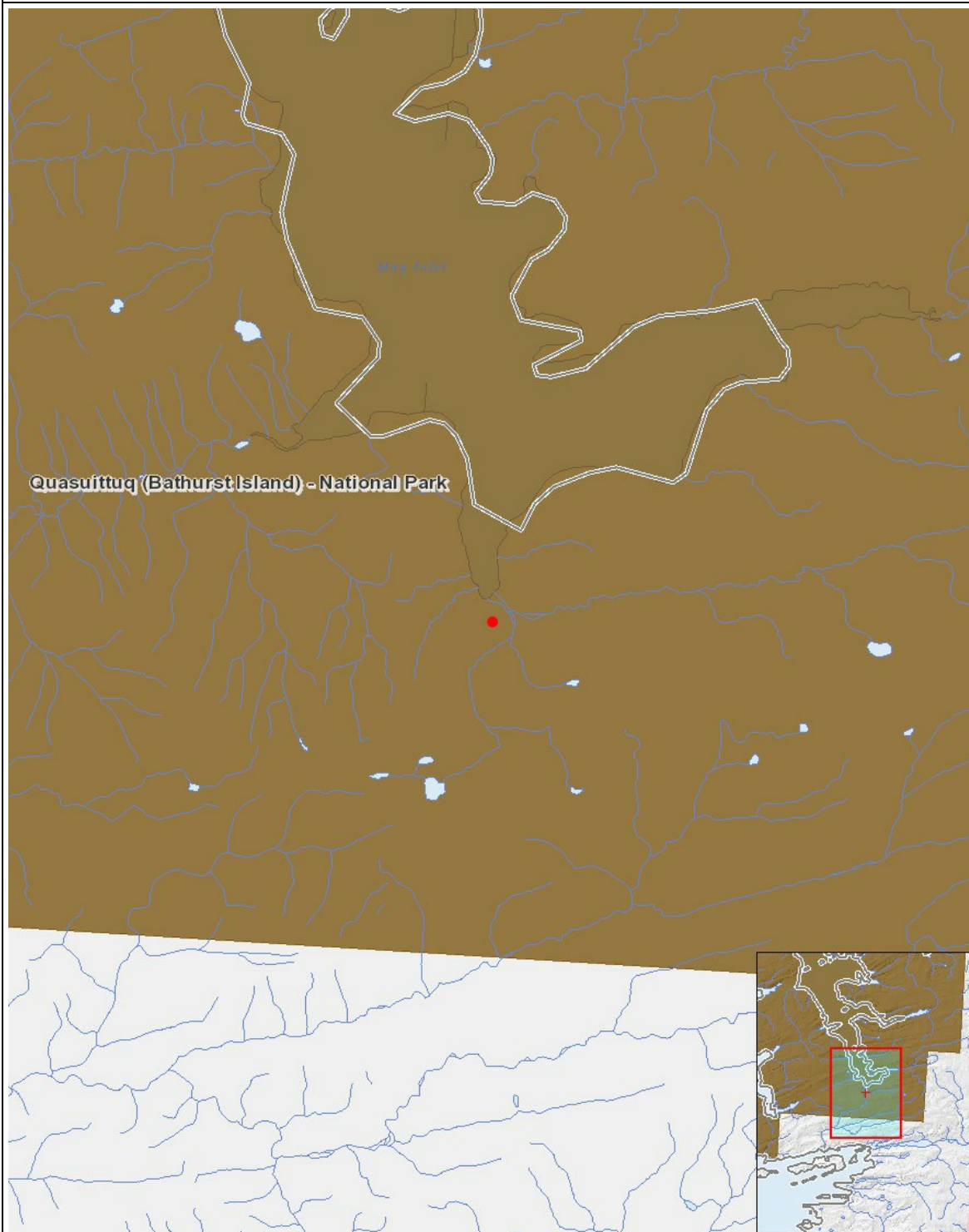
Impacts

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																									
Airstrip use or construction	-	-	-	-	-	-	-	-	-	-	-	-	M		N	N	N	-	-		-	-	-	-	-
Operation																									
Airstrip use or construction	-	-	-	-	-	-	-	-	-	-	-	-	M		N	N	N	-	-		-	-	-	P	-
Decommissioning																									
-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

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

Project Location



List of Project Geometries

1	point	Dundee Bight Permanent Camp Site
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