



PART 1 FORM PROJECT PROPOSAL INFORMATION REQUIREMENTS

For more information about the Nunavut Impact Review Board (NIRB) please visit our web site <http://nirb.nunavut.ca/> or to access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board ftp site <http://ftp.nunavut.ca/nirb>.

IMPORTANT!

Please be advised that your application will not be processed until the Sections 1 - 9 are completed in their entirety, in both English and Inuktitut (+ Inuinnaqtun, if in the Kitikmeot).

SECTION 1: APPLICANT INFORMATION

1. Project Name Arctic Goose Banding

2. Applicant's full name and mailing address:

Jim Leafloor, Canadian Wildlife Service
150-123 main Street
Winnipeg, MB
R3C 4W2

Phone: 204-983-5258

Fax: 204-983-5248

Email: Jim.leafloor@ec.gc.ca

3. Primary contact's full name and mailing address:

Same as above

Phone: _____

Fax: _____

Email: _____

SECTION 2: AUTHORIZATION NEEDED

1. Indicate all authorizations associated with the project proposal:

☐	Regional Inuit Association (RIA)
☒	Nunavut Water Board (NWB)
☐	Nunavut Planning Commission (NPC)
☐	Indian and Northern Affairs Canada (INAC)
☐	Department of Fisheries and Oceans (DFO)
☐	Community Government & Services (CG&S)
☐	Nunavut Research Institute (NRI)
☐	Department of Culture, Language, Elders, and Youth (CLEY)

☐	Canadian Launch Safety (CLS)
☐	Environment Canada (EC)
☒	Government of Nunavut (GN)
☐	Department of National Defense (DND)
☐	Hamlet
☐	Parks Canada (PC)
☒	Canadian Wildlife Service (CWS)
☐	Other (please specify): _____

2. List the active permits, licenses, or other authorizations related to the project proposal, and their expiry date(s):

Banding permit 10415 12/31/2010



Nikko Island, near Netilling Lake, Baffin Island (near Dewey Soper Migratory Bird Sanctuary); Perry River, NU (near Queen maud Gulf MBS); Karrak Lake, NU (near Queen maud Gulf MBS); East Bay and Boas River, Southampton Island, NU (in East Bay and Harry Gibbons MBS)

6c. Discuss the history of the site if it has been used for any project activities in the past. Nikko Island camp was first established by DFO as a fishery camp in the 1970s, and has been used for goose banding since the 1980s; Karrak Lake has been used as a research camp to study geese, foxes, etc since 1990; Perry River camp was established in 1964, and has been used intermittently for research since then, and for goose banding since 1991; goose banding on Southampton Island has been done annually since 2001, and is based out of Coral Harbor.

6d. Indicate if there are any known archaeological/palaeontological historical sites in the area. Native Point (Southampton Island)

7. Land Status (check all that applies):

☒ Crown ☐ Commissioners' ☐ Municipal
☐ Inuit Owned Surface Lands ☐ Inuit Owned Sub-Surface Lands

8a. Co-ordinates:

Min Lat (degree/minute) 60/00 Min Long (degree/minute) 70/00
Max Lat (degree/minute) 68/00 Max Long (degree/minute) 110/00

NTS Map Sheet No:

(Please ensure that maps of the project are attached (1:50,000 if available, 1:250, 000 **Mandatory**) available from Natural Resources Canada)

8b. If the project proposal includes a camp, please provide the coordinates of the camp location

Min Lat (degree/minute) See 3B above Min Long (degree/minute) _____
Max Lat (degree/minute) _____ Max Long (degree/minute) _____

If different from above for the camp:

NTS Map Sheet No:

Please ensure that maps of the project are attached (1:50,000 if available, 1:250, 000 **Mandatory**) available from Natural Resources Canada

Please note that additional location information may be required in a subsequent Project Specific Information Requirement (PSIR) submission. This may take the form of a digital Geographic Information Systems (GIS) file.

SECTION 4: NON-TECHNICAL PROJECT PROPOSAL DESCRIPTION

Please include a non-technical description of the project proposal, no more than 500 words, in English and Inuktitut (+Inuinnaqtun, if in the Kitikmeot). The project description should outline the following:



- The project activities, their necessity and duration;
- Method of transportation;
- Any structures that will be erected (permanent/ temporary);
- Alternatives considered; and
- Long-term developments, the projected outcome of the development for the area and its timeline.

IMPORTANT: IF THE PROPOSED ACTIVITIES REQUIRE SUBMISSION OF A NIRB PART 2 PSIR FORM, PLEASE COMPLETE SECTION 8 ONLY, OTHERWISE CONTINUE ON WITH SECTION 5.

SECTION 5: MATERIAL USE

1. List equipment to be used (including drills, pumps, aircraft, vehicles, etc.):

Equipment type and number	Size – dimensions	Proposed use
Helicopter		Camp access, banding transport
Twin otter		Camp access, fuel positioning

2a. Detail fuel and hazardous material use:

Fuel	Number of Containers and Capacity of Containers	Total Amount of Fuel (in Litres)	Proposed Storage Methods
Diesel			
Gasoline	1 X 205L	205L	Steel drum 205L max
Aviation fuel	15 X 205L	3075 L	Steel drum 205L in locked storage
Propane	4 X 20 lb	80 lb	20 lb propane tanks from Iqaluit
Other			
Hazardous Materials and Chemicals		Total Amount of Hazardous Materials and Chemicals (in Litres)	

2b. Describe the proposed Spill Prevention Plan.

Spill kits located at fuel cache and at base camps; spill contingency plan in place at each camp.

3a. Detail the anticipated daily water consumption rates



Daily amount (m ³)	Proposed water retrieval methods	Proposed water retrieval location
.25	pail	Netilling Lake

3b. Have you applied for a water License with the Nunavut Water Board?

☒ YES

☐ NO

If yes, what class of licence?

☐ Class A Water Licence

☒ Class B Water Licence

SECTION 6: WASTE DISPOSAL AND TREATMENT METHODS

1. List the types of waste associated with the proposed project activities:

Type of waste	Projected amount generated	Method of Disposal	Additional treatment procedures
Sewage (human waste)	100 kg	buried	
Greywater	250L	Leach field	
Combustible wastes	50 kg	burning	
Non-Combustible wastes	50 kg	Flown out of camp; landfill	
Overburden (organic soil, waste material, tailings)			
Hazardous waste			
Other:			

2. Describe the proposed Waste Management Plan.

Sewage will be leached in a gravel pit away from water sources; garbage will be incinerated or flown out to nearest landfill; empty fuel drums will be removed

SECTION 7: COMMUNITY INVOLVEMENT & REGIONAL BENEFITS

1. List the community representatives that have been contacted and provide the minutes of the meetings if available:

Community	Name	Organization	Date Contacted
Iqaluit	Rick Armstrong	Nunavut Research Institute	ongoing
Coral Harbor	Johnny Alogut		ongoing
Cambridge Bay	Paul Laserich	Adlair Aviation	ongoing

SECTION 8: GENERAL QUESTIONS

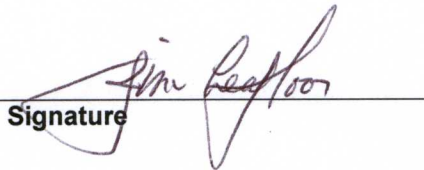


1. Will you be disturbing any known archaeological sites?

☐ YES

☒ NO

Please sign and date your application:


Signature

A/Head, Population management Unit

Title

March 27, 2009

Date

APPENDIX A
Project Type Definitions

Access Trail: A project proposal with the objective of providing vehicular access to an area of interest involving minimal alteration to the terrain.

Advanced Exploration: A project proposal with the objective of identifying size, grade, and physical characteristics of a mineral occurrence and to assess the economic and technical feasibility of developing the mineral deposit into a producing mine

All-Weather Road: A project proposal with the objective of road construction for use in all seasons.

Bulk Sampling: A project proposal with the objective of extracting of large samples of mineralized material involving hundreds to thousands of tonnes. Samples are selected as representative of the potential mineral deposit being sampled. May involve crushing/milling (on small-scale)

Harvesting activities: A project proposal with the objective of harvesting animals, marine mammals and/or fish from their natural habitats by means of hunting or trapping for traditional and commercial use.

Marine Based Activities: Any activity occurring in the marine environment, such as vessel use associated with land-based activities or disposal at sea.

*Please note that normal community re-supply or individual ship movements not associated with land-based project proposals shall not be screened by NIRB (Section 12.12.2 of NLCA).

Mine Development: A project proposal with the objective of extracting broken rock with mineralization of sufficient grade and tonnage to sustain commercial mining operations (ore). Mining a body of ore can be achieved by either open pit and/or underground development. Mine development may involve milling. Milling involves treatment of the extracted ore through a combination of mechanical and chemical processes to selectively recover the valuable mineral.

Mineral Exploration: A project proposal with the objective of exploring an area to find geological anomalies. It involves site reconnaissance (ground and/or air) to locate broad and fiscal mineral deposits.

Offshore Infrastructure: A project proposal with the objective of building off loading facilities constructed off the shoreline and connected to the mainland of the marine or freshwater environment. Examples include a jetty, dock, or port facility.

Oil and Gas Exploration/Activities: A project proposal that includes 1) exploration, such as seismic or geological mapping, 2) drilling of oil and gas wells, 3) construction and operation of a pipeline, a gas processing plant or any oil and gas facility within Nunavut.



Pits and Quarries: A project proposal with the objective of pitting, which involves the extraction of granular material (i.e. sands and gravels) and quarrying, which involves the removal of consolidated rock (i.e. bedrock, frozen soil).

Scientific Research: A project proposal with the objective of implementing a series of site activities comprised of observation of phenomena, measurement and collection of data necessary for scientific investigation in designated areas within a limited time period.

Seismic Survey: A project proposal with the objective of conducting a survey to map the depths and contours of rock strata by timing the reflections of sound waves released from the surface. Survey site locations may be offshore (not within 12 nautical miles of any coast), near shore, and extended onshore.

Site Cleanups: A project proposal with the objective of site cleanups (includes DEW line site cleanups), which focuses on the remediation of chemically contaminated soils, stabilization of landfills and dumps, demolition/disposal of infrastructure and debris and monitoring after cleanup is completed.

Tourism Activity: A project proposal with the objective of conducting travel predominantly for recreational, sport or leisure purposes within a designated area and limited time period.

Winter Road: A project proposal with the objective of building a road for winter use by leveling and compacting surface snow and ice. Winter road is removed at end of season.

Winter Trail: A project proposal with the objective of building a trail for winter use by a single pass of a tracked vehicle using a blade, if necessary.

Goose Project Description, Southampton Island

Goose banding will be conducted by helicopter for a 10-day period each summer while geese are flightless, between the dates of July 15 and August 15. The information collected will be used to monitor the health of Canada goose, snow goose, Ross's goose, and brant populations as part of an ongoing monitoring program for arctic waterfowl. There will be 6 personnel involved (pilot, engineer, 4 goose banders), including a local assistant from Coral Harbor, and all will stay in Coral Harbor each night. This project has been conducted annually since 2001.

Goose Project Description, Baffin Island

Goose surveys and banding will be conducted by helicopter for a 15-day period each summer while geese are flightless, between the dates of July 15 and August 15. The information collected will be used to monitor the health of Canada goose, snow goose, Ross's goose, and brant populations, as well as swans and some sea ducks as part of an ongoing monitoring program for arctic waterfowl. There will be up to 7 personnel involved (pilot, engineer, and up to 5 goose surveyors/banders), and all will stay at an existing camp at Nikko Island. This project has operated annually since 1989.

Goose Project Description, Queen Maud Gulf

Goose banding will be conducted by helicopter from 2 camps for a 10-day period each summer while geese are flightless, between the dates of July 15 and August 15. The information collected will be used to monitor the health of goose populations as part of an ongoing monitoring program for arctic waterfowl. Species include white-fronted geese, Ross's geese, cackling geese, and lesser snow geese. There will be 4-6 personnel involved (pilot, engineer, 4 goose banders), including at least one local assistant from Cambridge Bay, and all will stay at an existing camp, either at Perry River or at Karrak lake. This project has occurred annually since 1990.

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