

NUNAVUT IMPACT REVIEW BOARD SCREENING FORM

1. General File Information on Screening

NIRB #: _____ (yy-xxx) Authorizing Agency #(s): _____ permit or licence #

Project Title: _____
Title of Project

Proponent: _____
Company/Applicant

Proponent's Address: _____

Full Address

Contractor: _____
Company / persons doing the work if different from the proponent

address and contact numbers

Proposed Dates of Activity: Start Date _____ (yyyy-mm-dd) End Date _____ (yyyy-mm-dd)

EA Starting Date: _____
Date application accepted (yyyy-mm-dd)

Date Application Referred for Comments: _____
(yyyy-mm-dd)

Deadline for Comments: _____
(yyyy-mm-dd)

NIRB's EA Indication: _____ **12.4.4 ()** _____

Date of Indication: _____
(yyyy-mm-dd)

Project Cancelled: Yes, Give Reason _____

Comments: _____

2. Authorizing Agencies

Authorizing Agency(ies): Kivalliq I.A., Kitikmeot I.A., QIA, NWB, NWMB, DIAND, DFO, DOE, NRI, RWED, Other: _____

Authorizing Agency Contact Person: _____
(office where project file is located, contact person, number)

Land Status: Inuit Owned _____ Crown _____ Commissioner's _____ Marine Areas _____

Type of Application: _____
(e.g. water licence, land use permit, quarry permit, research permit, lease, reserve)

Type of Approval being sought: _____
(e.g. new, renewal, amendment, cancellation)

Other required approvals, permits or licences: _____
(e.g. water licence, land use permit, quarry permit, lease, reserve)

Present Authorizations (active): _____
(file number)

Previous Authorizations (inactive/expired): _____
(file number)

3. Project Location

Kivalliq _____ Kitikmeot _____ Baffin _____

Land Use Planning Region: _____
(e.g. West Kitikmeot, North Baffin, South Baffin, Kivalliq)

Geographic Place Name: _____
(nearest place name or geographic feature)

Local/Traditional Name: _____

National Topographic Sheet (NTS) Number: _____ Scale: _____

Latitude/Longitude: _____
(degrees, minutes seconds)

Drainage Region and Watershed: _____
(nearest creek, river or lake system)

Nearest Settlement: _____

Adjacent Settlement/Out-post camps: _____

Special Designation: _____
(Yes/No -e.g. Heritage River, Wildlife Reseserve, Park)

Does the project have Nunavut transboundary implications? Yes _____ No _____

If yes, what additional procedures/contacts are needed? _____

4. Project Description and Assessment

Physical Work, Activity(ies): _____
(drilling, construction, camp, research, water works, installation, modification, maintenance)

Multiple Activities: Yes _____ No _____

Project Category Code: Point Multiple Points Linear Area

Phase of Project: _____
(exploration, bulk sampling, development, operations, decommissioning, abandonment/restoration)

Project Description Summary (non-technical):

(duration of project, size of project, number of personnel on site, related physical activities, machinery used, fuels and chemical use and storage, associated infrastructure, methods of transportation, amount and source of resources needed eg. Gravel)

Attach Project Overview (English and Inuktitut)

Alternatives Considered:

(list all alternatives to the project and/or components of the project to avoid unnecessary amendments, (e.g. alternatives to location of ice road or camp logistics)

5. The Proponent's Public Consultation Process

Description of Proponent's Public Consultation Process

Did proponent make use of traditional knowledge? Yes___ No___

Was information available in the community's preferred language? Yes___ No___

In NIRB's opinion, was the proponent's public consultation adequate? Yes___ No___

If no, explain why the proponent's consultation program was found deficient.

Identification of Project Activities and Environmental Effects

Identify all activities of the project under screening and their potential adverse environmental effects.

Project Activities

(√ check all the items appropriate to this project)

- access road
 - winter
 - construction
 - abandonment/removal
 - modification e.g., widening
- automobile, aircraft or vessel movement
- blasting
- burning
- burying
- channelling
- construction
 - building
 - shed/warehouse
 - landing strip
- cut and fill
- removal of vegetation
- dams and impoundments
 - construction
 - abandonment/removal
 - modification
- ditch construction
- drainage alteration
- drilling other than geoscientific
- ecological surveys
- excavation
- explosive storage
- fuel storage
- garbage
 - disposal of hazardous waste
 - disposal of sewage or grey water
 - disposal of solid waste
- geoscientific sampling
 - trenching
 - diamond drill
 - borehole core sampling
 - bulk soil sampling
- quarry
- hydrological testing
- river/stream/lake crossing/bridging
- site restoration
 - fertilization
 - grubbing
 - planting/seeding
 - scarification
 - spraying
 - recontouring
- soil testing
- topsoil, overburden or soil
 - fill
 - disposal
 - removal
 - storage
- tunnelling/underground
- other, explain _____

possibility for accidents or malfunctions. Describe.

effects of environment on project (e.g., flooding). Describe.

Project Effects

(√ check all the items appropriate to this project)

Directly-related Socio-Economic & Cultural Effects:

1. impact to hunting / trapping / fishing
2. impact on:
 - women
 - men
 - children
 - elders
3. impact to traditional use or traditional use area
4. impact to outfitters
5. impact on recreational use
6. impact on family structure
7. impact to community health
8. change in community economics
9. change in community housing or infrastructure
10. impact to industry
11. change in regional transportation
12. impact to archaeological or cultural landmarks
13. impact on beauty of the landscape
14. other, explain _____

Biophysical Environment Effects

15. deposit into surface or ground water
16. deposit to marine environment
17. change in surface or ground water flow
18. change in water temperature
19. change in drainage pattern
20. change in air quality
21. change in air flow
22. micro-climate change
23. ice fog
24. change in ambient noise level
25. deposit onto ground surface
26. change in slope stability
27. change in soil structure
28. alteration of permafrost regime
29. destabilization/erosion
30. soil compaction
31. change in access to renewable resources
32. depletion of non-renewable resource
33. removal of rare/endangered plant species
34. introduction of species
35. toxin/heavy metal accumulation
36. removal of rare/endangered wildlife species
37. change in wildlife health
38. impact to large mammals
39. impact to small mammals
40. impact to fish
41. impact to birds
42. impact to other wildlife
43. impact in a calving, nesting, staging or spawning area
44. removal of wildlife buffer zone
45. change in wildlife habitat/ecosystem
46. other, explain _____

9. Cumulative Effects: Identification of Other Resources Used in the Area. Identify past, current and future (pending applications) physical works and activities in the area (for the proponent, other proponents and nearby communities) and their potential adverse environmental effects.

Other Resource Uses

(√ check all the items appropriate to this project)

- harvesting
 - marine mammals
 - land mammals
 - fur bearers
 - birds
 - shellfish
 - plants
 - berries
 - fish
- mining
 - exploration
 - open pits
 - underground
 - off-shore
- mineral processing
- industry _____ (type)
- quarries
 - carving stone
 - aggregate
- transportation/communications
 - airport / landing strip
 - roads/access routes
 - shipping
 - channels/canal
 - telephone lines, satellite dishes, cables
 - beacons
- waste disposal (solid, liquid or gas?)
- energy project
 - hydro
 - pipeline
 - transmission line
- other water licenses, permits, leases
- lands
 - Inuit owned
 - surface rights
 - sub-surface rights
 - Crown
 - Commissioner's
 - Marine Areas
- other private lands held under tenure
- heritage sites or archaeological sites
- recreation (eg. cabins, tent frames)
- tourism
- municipal (construction)
 - commercial
 - built structures
 - infrastructure
- agriculture
- forestry
- other, explain _____

Effects from Other Resource Uses

(√ check all the items appropriate to the scope of this project)

Directly-related Socio-Economic & Cultural Effects:

1. impact to hunting / trapping / fishing
2. impact on:
 - women
 - men
 - children
 - elders
3. impact to traditional use or traditional use area
4. impact to outfitters
5. impact on recreational use
6. impact on family structure
7. impact to community health
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10. Cumulative Environmental Effects

Based on a comparison of effects identified in #8 and #9.

Matching Number(s)	Description of Cumulative Environmental Effects
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

- Will the project make large demands on non-renewable energy sources?
- Will the project encourage further developments within the current project or other developments (other similar projects, energy development, generation, petroleum development and extraction, the building of additional roads)?
- Will the project encourage a “boom-bust” economy over an economy of permanence?
- Will the project encourage more wildlife harvesting on account of better access for hunters and fishers?
- Will the project have an effect on the water quality of the watershed?
- Will the project have a significant effect on existing land uses?

11. Mitigation Measures

For each environmental effect identified in #8, #9 and #10, describe the required mitigation measures.

Number(s) (as identified in #8, #9 & #10)	Description of Mitigation Measures
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

12. Significance

After taking into account the mitigation measures identified in #11, are any of the residual, adverse environmental effects significant?

Yes No

If yes, identify which one(s) and proceed to #13; if no proceed to # 14.

Number(s) _____ _____
 _____ _____
 _____ _____
 _____ _____

13. Likelihood of Occurrence

Of the significant, residual, adverse environmental effects identified in #12, are any likely to occur?

Yes No

Number(s) _____ _____
 _____ _____

14. Information Sources

What sources of information were used in the screening process?

- local knowledge
- traditional ecological knowledge
- land use plans (and draft land use plans)
- authorizing agencies' data
- departmental or agency opinions
- maps
- photos
- reports (scientific, economic, social, or anthropological, archival or historical information)
- Nunavut Environmental Database (NED)
- personal communications
- Project Registry (NPC)
- previous similar projects
- service organizations
- media monitoring
- experts
- other _____

For information sources identified above, provide contact person and/or information location (for future follow-up): _____

15. Staff Recommendations

Staff Recommendations: (include rationale)

Prepared By: _____ Date: _____
Screener (yyyy-mm-dd)

16. NIRB'S Principles

- The project has significant adverse effects on the ecosystem, wildlife habitat or Inuit harvesting activities.
- The project may have significant adverse socio-economic effects on northerners.
- The project will cause significant public concern.
- The project involves technological innovations for which the effects are unknown.
- The project **does not** have significant effects or concerns.

17. Indication to the Minister (12.4.4)

N.B. Transfer this information to Box 1: "EA Indication" and "Date of Indication".

- a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;
- b) the proposal requires review under Part 5 or 6; NIRB shall identify particular issues or concerns which should be considered in such a review;
- c) the proposal is insufficiently developed to permit proper screening, and should be returned to the proponent for clarification; or
- d) the potential adverse impacts of the proposal are so unacceptable that it should be modified or abandoned.

18. Terms and Conditions

If the determination is 12.4.4 (a), NIRB's terms and conditions include those listed in the **Screening Decision Report**.

Specific Terms and Conditions to note include:

19. Authorization

Approved By: _____ Date: _____
(NIRB Decision Maker) (yyyy-mm-dd)

20. Follow-up / Monitoring

Minister's Determination

_____ Minister agreed with NIRB's indication.
 Action? _____

_____ Minister varied NIRB's indication.
 Action? _____

_____ Minister rejected NIRB's indication
 Action? _____

If applicable,
 _____ Is a follow-up/monitoring program required? If yes, give details.

_____ Has screening report information been added to NIRB's GIS/Calyx system?