

Nunavut Water Board MAY 13 2015 Public Registry

PART 1 FORM PROJECT PROPOSAL INFORMATION REQUIREMENTS

To access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board's ftp site http://ftp.nirb.ca/. The NIRB's website (www.nirb.ca) is currently under construction. Please contact info@nirb.ca should you have any questions or require further information.

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).

	NUNAVUT CONSTRUCTION LIMITED	Ph	one:	867-979-7711
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	X0A 0H0	E	nail:	l.lessard@construction-nq.com
	Primary contact's full name and mailing address: NUNAVUT CONSTRUCTION LIMITED	DI		450 502 0020
	Attn: Guy Chicoyne 305 C, Montée Calixa-Lavallée		one:	450-583-0039 450-583-0036
	Verchères, Québec, J0L 2R0		nail:	g.chicoyne@construction-nq.com
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	Indicate <u>all</u> authorizations associated with the proj	ect pr	·	
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_	Regional Inuit Association (RIA) Nunavut Water Board (NWB)	x	Cana Envi	adian Launch Safety (CLS) ronment Canada (EC)
_	Regional Inuit Association (RIA) Nunavut Water Board (NWB) Nunavut Planning Commission (NPC)		Cana Envi	adian Launch Safety (CLS) ronment Canada (EC) ernment of Nunavut (GN)
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. L	ist the <u>pending</u> permits, licenses, or ot	her au	ıthoriz	ations related to the project propos	al:
	as this project or <u>any components of th</u> IRB?	is pro	<u>ject</u> be	een previously screened or reviewe	d by
	☐ YES			■ NO	
lf	YES, indicate the previous project name	e and	NIRB	File No.	
-				 -	
	SECTION 3: PROJEC	T PR	OPO	SAL DESCRIPTION	
	SECTION 3: PROJEC dicate the type of project proposal (che see Appendix A for Project Type Definiti	ck all			
	dicate the type of project proposal (che	ck all			
(8	dicate the type of project proposal (che see Appendix A for Project Type Definiti	ck all	that a	pply) ^(1,2) :	
1	dicate the type of project proposal (che see Appendix A for Project Type Definiti All-Weather Road/Access Trail	eck all	that a	pply) ^(1,2) : Site Cleanup/Remediation Oil and Natural Gas Exploration/Activities Marine Based Activities	
1 2	dicate the type of project proposal (che see Appendix A for Project Type Definiti All-Weather Road/Access Trail Winter Road/ Winter Trail	eck all ions)	that a	pply) ^(1,2) : Site Cleanup/Remediation Oil and Natural Gas Exploration/Activities	+
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1 2 3 4	dicate the type of project proposal (che see Appendix A for Project Type Definition All-Weather Road/Access Trail Winter Road/ Winter Trail Mineral Exploration Advanced Mineral Exploration	eck allions)	9 10 11	pply) ^(1,2) : Site Cleanup/Remediation Oil and Natural Gas Exploration/Activities Marine Based Activities Scientific/International Polar Year Research*	
1 2 3 4 5	dicate the type of project proposal (che see Appendix A for Project Type Definition All-Weather Road/Access Trail Winter Road/ Winter Trail Mineral Exploration Advanced Mineral Exploration Mine Development /Bulk Sampling	eck allions)	9 10 11 12	pply) ^(1,2) : Site Cleanup/Remediation Oil and Natural Gas Exploration/Activities Marine Based Activities Scientific/International Polar Year Research* Harvesting Activities*	

- 1. All project types listed above, except those marked with an asterisk (*), will also require the Proponent to submit a Part 2 Project Specific Information Requirement (PSIR) Form. The NIRB application process will not be considered complete without the Part 2 PSIR Form.
- 2. Please be advised that in order to complete the NIRB process, the NIRB may request additional information at any time during the process.
- 3. If "Other" is selected, contact NIRB for direction on whether a Part 2 PSIR Form is required.



Base Metals (zinc, coppe	r, gold, silver, etc)			
Diamonds				
Uranium				
Other: None				
3a. If Project Type 12, 13 c	or 14 was selecte	d above, complete t	he table and questi	ions below.
Transportation Type	Quantity	Propose	ed Use	Length of Use
E.g. Helicopter	1	Site to site pick up	os and drop offs	6 days
Describe any docks, pie with the proposed project				
a Part 2 Form. N/A				
IVA				
3c. If a temporary camp site indicate the type and so				etail and
				etail and
indicate the type and so				etail and
indicate the type and so				etail and
indicate the type and so N/A 4. Personnel Total No. of	Total No.	the camp site if applic	cable. Total No.	of Person days
indicate the type and so N/A 4. Personnel Total No. of personnel on	Total No.	the camp site if applic	cable.	. of Person days
indicate the type and so N/A 4. Personnel	Total No.	the camp site if applic	cable. Total No.	of Person days
indicate the type and so N/A 4. Personnel Total No. of personnel on site = (A) 5. Timing	Total No. days on-s	of	Total No. (A) × (B)	of Person days
indicate the type and so N/A 4. Personnel Total No. of personnel on site = (A) 5. Timing Period of operation: from	Total No. days on-s	of	cable. Total No.	of Person days
indicate the type and so N/A 4. Personnel Total No. of personnel on site = (A) 5. Timing Period of operation: from Proposed term of	Total No. days on-s	of	Total No. (A) × (B)	of Person days
indicate the type and so N/A 4. Personnel Total No. of personnel on site = (A) 5. Timing Period of operation: from Proposed term of authorization: from 6a. Region (check all that app	Total No. days on-s = (B) May 2015 July 2015	of	Total No. (A) × (B) to December 20	of Person days = 15



Sc. Discuss the history Site already in use for	of the site if it has been used for any project activities in the past. the bulk fuel facility
None	any known archaeological/palaeontological historical sites in the area.
7. Land Status (check a	Il that applies):
Crown Inuit Owned Surfac	X Commissioners' Municipal lnuit Owned Sub-Surface Lands
Ba. Co-ordinates:	
Min Lat (degree/minute) Max Lat (degree/minute)	Min Long (degree/minute) Max Long (degree/minute)
NTS Map Sheet No: Please ensure that maps of Resources Canada)	034D11 the project are attached (1:50,000 if available, 1:250, 000 Mandatory) available from Natural
3b. If the project propos	sal includes a camp, please provide the coordinates of the camp location
Min Lat (degree/minute) Max Lat (degree/minute)	Min Long (degree/minute) Max Long (degree/minute)
If different from abo NTS Map Sheet No: Please ensure that maps of t Resources Canada	ove for the camp: he project are attached (1:50,000 if available, 1:250, 000 Mandatory) available from Natural

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 (+Inuinnagtun, 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.



<u>IMPORTANT:</u> 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
Trucks		
Tractors		
Dozers		
Dump Truck		- AND THE RESERVE AND THE RESE
Skidoos		
ATV's		

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		1000000	
Gasoline		1000000	
Aviation fuel		1000000	
Propane		1000000	
Other			
Hazardous Materials and Chemicals		Total Amount of Hazardous Materials and Chemicals (in Litres)	

25. Describe the proposed Spill Prevention Pi	ian.
7 100	

3a. Detail the anticipated daily water consumption rates

Daily amount (m³)	Proposed water retrieval methods	Proposed water retrieval location
295 m³	Centrifugal water pump	

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



■ Y	ES		NO				
If yes, what class o	f licence?						
	Class A Water Licence	Class B Water Licence					
SECTION 6: WASTE DISPOSAL AND TREATMENT METHODS							
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)							
Greywater							
Combustible wastes							
Non-Combustible wastes							
Overburden (organic soit, waste material, tailings)							
Hazardous waste							
Other: water	4500m³	Solid particule filter					
	ease by a ditch along the	will use a solid particule fi existing pipeline.					
SECTION 7	: COMMUNITY INVOL	VEMENT & REGIONA	L BENEFITS				
List the community meetings if available		e been contacted and prov	vide the minutes of the				
Community	Name	Organization	Date Contacted				
		+					
	+		+				
	SECTION 8: GEN	ERAL QUESTIONS					
1. Will you be disturb	ing any known archaeolo	gical sites?					
□ YES ■ NO							



SECTION 9: APPLICANT SIGNATURE Please sign and date your application: Environmental Administrator/Founder Signature Title 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.