



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).

SECTION 1: APPLICANT INFORMATION

1. **Project Name** Pits/Quarry

2. **Applicant's full name and mailing address:**

5140 Nunavut Ltd O/A Qillaq Innovations	Phone: 1 867 983 2818
Po Box 33 Cambridge Bay Nu	Fax: 1 867 983 2858
X0B0C0	Email: Construction@qillaq.ca

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

Todd Schwindt as above	Phone: _____
_____	Fax: _____
_____	Email: _____

SECTION 2: AUTHORIZATION NEEDED

1. Indicate all authorizations associated with the project proposal:

<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20px; text-align: center;"><input type="checkbox"/></td><td>Regional Inuit Association (RIA)</td></tr> <tr><td style="text-align: center;"><input checked="" type="checkbox"/></td><td>Nunavut Water Board (NWB)</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>Nunavut Planning Commission (NPC)</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>Indian and Northern Affairs Canada (INAC)</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>Department of Fisheries and Oceans (DFO)</td></tr> <tr><td style="text-align: center;"><input checked="" type="checkbox"/></td><td>Community Government & Services (CG&S)</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>Nunavut Research Institute (NRI)</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>Department of Culture, Language, Elders, and Youth (CLEY)</td></tr> </table>	<input type="checkbox"/>	Regional Inuit Association (RIA)	<input checked="" type="checkbox"/>	Nunavut Water Board (NWB)	<input type="checkbox"/>	Nunavut Planning Commission (NPC)	<input type="checkbox"/>	Indian and Northern Affairs Canada (INAC)	<input type="checkbox"/>	Department of Fisheries and Oceans (DFO)	<input checked="" type="checkbox"/>	Community Government & Services (CG&S)	<input type="checkbox"/>	Nunavut Research Institute (NRI)	<input type="checkbox"/>	Department of Culture, Language, Elders, and Youth (CLEY)	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20px; text-align: center;"><input type="checkbox"/></td><td>Canadian Launch Safety (CLS)</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>Environment Canada (EC)</td></tr> <tr><td style="text-align: center;"><input checked="" type="checkbox"/></td><td>Government of Nunavut (GN)</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>Department of National Defense (DND)</td></tr> <tr><td style="text-align: center;"><input checked="" type="checkbox"/></td><td>Hamlet</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>Parks Canada (PC)</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>Canadian Wildlife Service (CWS)</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>Other (please specify): _____</td></tr> </table>	<input type="checkbox"/>	Canadian Launch Safety (CLS)	<input type="checkbox"/>	Environment Canada (EC)	<input checked="" type="checkbox"/>	Government of Nunavut (GN)	<input type="checkbox"/>	Department of National Defense (DND)	<input checked="" type="checkbox"/>	Hamlet	<input type="checkbox"/>	Parks Canada (PC)	<input type="checkbox"/>	Canadian Wildlife Service (CWS)	<input type="checkbox"/>	Other (please specify): _____
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2. List the active permits, licenses, or other authorizations related to the project proposal, and their expiry date(s):

AANDC Applications submitted Hamlet of Cambridge Bay Submitted
The Water Board was contacted and no permit is required



3. List the pending permits, licenses, or other authorizations related to the project proposal:
AANDC and NIRB

4. Has this project or any components of this project been previously screened or reviewed by NIRB?

NO

If YES, indicate the previous project name and NIRB File No.

SECTION 3: PROJECT PROPOSAL DESCRIPTION

1. Indicate the type of project proposal (check all that apply)^(1,2):
(See Appendix A for Project Type Definitions)

1	All-Weather Road/Access Trail	<input type="checkbox"/>	9	Site Cleanup/Remediation	<input type="checkbox"/>
2	Winter Road/ Winter Trail	<input type="checkbox"/>	10	Oil and Natural Gas Exploration/Activities	<input type="checkbox"/>
3	Mineral Exploration	<input type="checkbox"/>	11	Marine Based Activities	<input type="checkbox"/>
4	Advanced Mineral Exploration	<input type="checkbox"/>	12	Scientific/International Polar Year Research*	<input type="checkbox"/>
5	Mine Development /Bulk Sampling	<input type="checkbox"/>	13	Harvesting Activities*	<input type="checkbox"/>
6	Pits and quarries	<input checked="" type="checkbox"/>	14	Tourism Activities*	<input type="checkbox"/>
7	Offshore Infrastructure (port, break water, dock)	<input type="checkbox"/>	15	Other ⁽²⁾ :	<input type="checkbox"/>
8	Seismic Survey	<input type="checkbox"/>			<input type="checkbox"/>

Please note:

- 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.
- Please be advised that in order to complete the NIRB process, the NIRB may request additional information at any time during the process.
- If "Other" is selected, contact NIRB for direction on whether a Part 2 PSIR Form is required.

Section 4 Non-Technical Proposal Description

Project Activities, Necessity and duration.

Project will be to extract aggregate from the purposed area for use in 2 major construction projects in the Cambridge Bay.

Use of aggregates will be for a New Tank Farm and an Air Port Expansion

The necessity is to replace a Tank Farm that has reached its expected life. The projects are contemplated to being completed by August 15 2015.

Method of Transportation

Employees will use crew trucks to travel to and from Quarry locations.

Aggregate will be transferred from quarry by means of Tandem axle gravel trucks that will haul on an average 7 meter loads.

We will not erecting any structures permanent or temporary.



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
2 Rubber tired loaders	18 ft long x 13 ft high weight 16,000lbs	Used for extraction of aggregate
2 Steel Track Hoe	22 ft long x 15ft high weight 60,000 lbs	Used to load aggregates to Truck
5 Tandem trucks	22 ft Long x 10 Ft high weight 40,000 lbs	Used to haul aggregates

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	1 Tank mounted on a truck	1000 litres	No fuel storage fuel will be hauled daily to units
Gasoline			
Aviation fuel			
Propane			
Other	Greases lubes	1 case of grease 5 litres of miscellaneous oil	None will be stored at site, a daily service will be done on units and then all will be stored in our shop on airport road near Cambridge Bay
Hazardous Materials and Chemicals		Total Amount of Hazardous Materials and Chemicals (in Litres)	

2b. Describe the proposed Spill Prevention Plan.
I have attached a spill prevention plan.

Spill Containment and Equipment on site.

The following equipment shall be on-site with each crew in the event prevention techniques are not adequate and a spill does occur.

1. Emergency Spill Kit- (general contents may vary with manufacturer) contains at minimum:
 - a) Three sorbent socks
 - b) Three disposal bags and ties
 - c) One pair of safety glasses
 - d) One pair of rubber gloves
 - e) One sorbent drip pillow
 - f) Sorbent pads, 18"x18"
 - g) Four hazardous labels
 - h) One bag of Lite-Dry absorbent or (equal)
 - i) Dedicated shovel and broom
 - j) One Emergency Response Guide Book
 - k) Two sorbent pillow, 24"x 18"

The absorbent pads 18"x 18" are 100% polypropylene fabric that absorb 11 times their own weight in liquids. Pads absorb 10 gallons of liquid per bale of 100 pads. One 55 gallon clean drum, lined with polypropylene material (over pack). The drum can be used to store spill response materials until needed. When a spill occurs, all soiled pads, pillows, skimmers, contaminated soil etc, will be placed in the drum for disposal after the cleanup is accomplished.

A formal notification process shall be initiated when a spill or potential spill is first observed.

If immediate actions are necessary; the first individual who discovers a spill (spill observer) will be responsible for initiating notification and response procedures. All personnel responsible for responding to spills must have completed training in recognition and response to spills of hazardous materials. The contractor is responsible for providing spill recognition and response for all contractor employees.

Once on site, a refueling area will be identified the area will be excavated to allow for a spill mat to be placed. This area will be used to refuel all mobile equipment.



3a. Detail the anticipated daily water consumption rates

Daily amount (m ³)	Proposed water retrieval methods	Proposed water retrieval location
None		

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

YES

NO

If yes, what class of licence?

(In their opinion none was needed)

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)	50 gallons	Disposed to Lagoon	None
Greywater	Included in the above		
Combustible wastes	100 lbs	Hauled to local landfill daily if needed	None
Non-Combustible wastes			
Overburden (organic soil, waste material, tailings)	None anticipated		
Hazardous waste	None anticipated		
Other:			

2. Describe the proposed Waste Management Plan.

We will use a honey bucket that has a replaceable bag, the bag will be replaced when it becomes full the waste will be taken and disposed of at the local waste facility .

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
Hamlet of Cam Bay	Hamlet Council	Hamlet Council	May 4 2012

