



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** Resolute Bay Landfills Remediation - Resolute Bay Airport, Nunavut
2. **Applicant's full name and mailing address:**
Mike Molinski
Environment Officer, Contaminated Sites
3rd Floor – 344 Edmonton Street
Winnipeg, MB R3C 0P6
Phone: 204.984.0440
Fax: 204.983.5048
Email: michael.molinski@tc.gc.ca
3. **Primary contact's full name and mailing address:**
As Above
Phone: _____
Fax: _____
Email: _____

SECTION 2: AUTHORIZATION NEEDED

1. Indicate all authorizations associated with the project proposal:

<input type="checkbox"/> Regional Inuit Association (RIA)	<input type="checkbox"/> Canadian Launch Safety (CLS)
<input type="checkbox"/> Nunavut Water Board (NWB)	<input type="checkbox"/> Environment Canada (EC)
<input type="checkbox"/> Nunavut Planning Commission (NPC)	<input type="checkbox"/> Government of Nunavut (GN)
<input type="checkbox"/> Indian and Northern Affairs Canada (INAC)	<input type="checkbox"/> Department of National Defense (DND)
<input type="checkbox"/> Department of Fisheries and Oceans (DFO)	<input type="checkbox"/> Hamlet
<input type="checkbox"/> Community Government & Services (CG&S)	<input type="checkbox"/> Parks Canada (PC)
<input type="checkbox"/> Nunavut Research Institute (NRI)	<input type="checkbox"/> Canadian Wildlife Service (CWS)
<input type="checkbox"/> Department of Culture, Language, Elders, and Youth (CLEY)	<input type="checkbox"/> Other (please specify):
	<input checked="" type="checkbox"/> NONE

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

Not applicable



2. If Project Type 3, 4 or 5 was selected above, please indicate the mineral of interest that is being extracted. Include a brief description.

<input type="checkbox"/>	Base Metals (zinc, copper, gold, silver, etc)
<input type="checkbox"/>	Diamonds
<input type="checkbox"/>	Uranium
<input type="checkbox"/>	Other: _____ Not Applicable <input checked="" type="checkbox"/>

3a. If Project Type 12, 13 or 14 was selected above, complete the table and questions below.

Transportation Type	Quantity	Proposed Use	Length of Use
		NOT APPLICABLE	

3b. Describe any docks, piers, air strips or related structures that are to be used in conjunction with the proposed project activities. **Please note:** *the building of new structures may require a Part 2 Form.*

NOT APPLICABLE

3c. If a temporary camp site is to be established, describe the proposed structures in detail and indicate the type and source of power for the camp site if applicable.

NOT APPLICABLE

4. Personnel

Total No. of personnel on site = (A)	7	Total No. of days on-site = (B)	120	Total No. of Person days (A) x (B) = 840
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5. Timing

Period of operation:	from	July 2011	to	September 2016
Proposed term of authorization:	from	July 2011	to	September 2016

6a. Region (check all that apply):

<input checked="" type="checkbox"/> North Baffin	<input type="checkbox"/> Kivalliq	<input type="checkbox"/> Kitikmeot	<input type="checkbox"/> Transboundary: Cornwallis Island
<input type="checkbox"/> South Baffin	<input type="checkbox"/> National Park		

6b. Describe the location of the proposed project activities in a regional context, noting the proximity to the nearest communities and any protected areas.

The project scope is to remediate 2 main landfill sites and 2 metal storage dump locations adjacent to the Resolute Bay Airport. No protected areas exist due to the developed location. The nearest landfill in relation to the community is 6 km away. The project will have a positive impact for the community and environment. The community is located on the Southwestern tip of Cornwallis Island on relatively flat ground.



6c. Discuss the history of the site if it has been used for any project activities in the past.

Resolute Bay airport is approximately 5 km northeast from the Inuit hamlet Resolute on Cornwallis Island in Nunavut, Canada. This airport was originally constructed in 1949 by the Royal Canadian Air Force. From 1964 to July 1, 1995, the Resolute Bay Airport was owned by the Government of Canada and operated by Transport Canada. In July 1995, airport ownership was transferred to the Government of Northwest Territories. From July 1, 1995 to April 1, 1999, the airport was operated by the Arctic Airport Division of the Department of Transportation. Since April 1, 1999, the airport has been owned by the Government of Nunavut (GN) and operated by the Nunavut Airports Division of the Nunavut Department of Community Government, Housing and Transportation.

Past activities for transportation, communications and administration involving the Arctic and the hamlet of Resolute Bay have resulted in the generation of solid waste. Solid waste disposal from military activities and the community itself have resulted in the creation of several landfill sites. Two landfills, the solid waste landfill and the historic landfill, are present near the airport. The third site, known as the vehicle storage area is north of the solid waste landfill. There are 2 separate areas where metal debris is located.

Franz Environmental Inc. was retained by Public Works and Government Services Canada (PWGSC) Pacific Region and Transport Canada (TC), Prairie and Northern Region and Environmental Affairs Division to complete an Environmental Site Assessment (ESA) at three landfill/waste disposal sites at the Resolute Airport. The purpose of this project was to undertake a Phase II and Phase III Environmental Site Assessment (ESA) in three areas of potential concern (APECs): the solid waste and historic landfills, as well as a vehicle storage area/boneyard, at the Resolute Bay Airport. Transport Canada will use this report to demonstrate due diligence and reduce liabilities in order to direct remediation and/or risk management activities at these sites.

6d. Indicate if there are any known archaeological/palaeontological historical sites in the area.

There are no known archaeological/palaeontological historical sites in the area.

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) 74° 42' 57.73"N Min Long (degree/minute) 94°59'24.66"W
Max Lat (degree/minute) _____ Max Long (degree/minute) _____

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) NOT APPLICABLE Min Long (degree/minute) _____
Max Lat (degree/minute) _____ Max Long (degree/minute) _____

If different from above for the camp:
NTS Map Sheet No: _____



2b. Describe the proposed Spill Prevention Plan.

No fuel storage and no hazardous waste stored on site. No refueling on site. Once the project has been awarded, the contractor will complete a spill response plan in accordance to the requirements under the *NWT Waters Act* and Section 6 g (i) and (ii) of the *NWT Waters Regulations*.

3a. Detail the anticipated daily water consumption rates

Daily amount (m ³)	Proposed water retrieval methods	Proposed water retrieval location
0	N/A	N/A

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

☐ 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)	N/A	N/A	N/A
Greywater	N/A	N/A	N/A
Combustible wastes	N/A	N/A	N/A
Non-Combustible wastes	N/A	N/A	N/A
Overburden (organic soil, waste material, tailings)	N/A	N/A	N/A
Hazardous waste	N/A	N/A	N/A
Other:	N/A	N/A	N/A

2. Describe the proposed Waste Management Plan.

See Attached Project Description

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
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Resolute Bay	Thomas Livingston	Government of Nunavut	June 21, 2010
Resolute Bay	Jason, Brown	Government of Nunavut	June 21, 2010
Resolute Bay	Brian Duguay	Government of Nunavut	June 21, 2010

SECTION 8: GENERAL QUESTIONS

1. Will you be disturbing any known archaeological sites?

☐ NO

SECTION 9: APPLICANT SIGNATURE

Please sign and date your application:

Signature

Title

Date