

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 following sections 1 - 6 are completed in full in English and Inuktitut (+ Inuinnagtun, if in the Kitikmeot).

SECTION 1: APPLICANT INFORMATION				
Plea relat	Project Number use indicate if applicant has submitted any previous applicate to this project proposal? s, please indicate the previous NIRB project number(s):	cation(s) to	o NIRB Yes No X	
1. b	Project Name Radio Island Remediation Project			
2.	Applicant's full name and mailing address: Natalie Plato Director, Contaminated Sites P.O. Box 11152 Iqaluit, NU X0A 0H0	Fax: Phone: Email:	867-979-6445 867-979-7934 platon@inac.gc.ca	
3.	Primary contact's full name and mailing address: Lou Spagnuolo Contaminated Sites Project Manager P.O. Box 2200 Iqaluit, NU X0A 0H0	Fax: Phone: Email:	867-979-6445 867-979-7934 spagnuolol@inac.gc.ca	
4.	Secondary contact's full name and mailing address: Jared Buchko Manager, Environmental Engineering	Fax: Phone: Email:	780-497-3842 780-497-3886	
•	10025 Jasper Avenue, 5th Floor Edmonton, AB	⊏IIIaII.	jared.buhcko@pwgsc.gc.ca	



SECTION 2: AUTHORIZATION NEEDED

1. Indicate \underline{all} authorizations associated with the project proposal:

	Regional Inuit Association (RIA)
X	Nunavut Water Board (NWB)
	Nunavut Planning Commission (NPC)
X	Department of Indian And Northern Development (DIAND)
	Department of Fisheries and Oceans (DFO)
	Community Government & Services (CG&S)
	Nunavut Research Institute (NRI)
	Hamlet
	Canadian Launch Safety (CLS)
	Environment Canada (EC)
	Government of Nunavut (GN)
	Department of National Defense (DND)
	Department of Culture, Language, Elders, and Youths (CLEY)
	Parks Canada (PC)
	Other (please specify):
2.	List the <u>active</u> permits, licences, or other rights related to the project and their expiry date: All permits are being applied for in conjunction with this application (see Appendix 1 and 3)



SECTION 3: PROJECT PROPOSAL DESCRIPTION

Indicate the type of project proposal: Exploration (geophysical ground, geophysical air Advanced Exploration/ Bulk Sampling Mine development Site remediation/ reclamation Research	, drilling)
Dew Line Clean up / Site Investigation	
Port	
Other:	
2. Indicate the activities related to the pro	iect proposal:
Drilling other than geoscientific	Quarrying
Offshore structure	All season road
Airport/ landing strip	Winter road
X Camp	Access road
X Fuel storage	Road modification
Solid waste disposal	Cabins
Hazardous waste storage or disposal	X Sewage or grey water disposal
Research	Blasting
X Abandonment and Restoration	Harvesting
X Burning	Burying
Construction	Channeling
Cut and/or Fill	Removal of vegetation
Dam/ Impoundment (construction/ abandonme modification)	
Drainage Alteration	X Excavation
Chemical Storage	Ecological survey
Explosives Storage	Geoscientific sampling by trenching
Geoscientific sampling by diamond drilling	
Geoscientific sampling by soil sampling	Hydrological testing
River/ stream/ lake crossing or work/ brid	ge Site restoration (fertilization/ grubbing/ scarification/ spraying/ recontouring)
X Soil testing	Soil disposal/ Soil storage
Tunneling	Other (please specify):
3. Personnel Total No. of personnel on site = (A)	Total No. of person days = (A) x No. days on site
UII SILC - (A)	(A) x NO. days on site



4. Timing				
Period of operation:	June 15, 2006	to	September 15, 2006	
Proposed term of permit:	June, 2006	to	December, 2007	
Please outline the phases of and scheduling of each phase anticipated to take one sea anticipated that only one sea	e. <u>Mobilization to site wi</u> son. Demobilization will o	ill occur in Ju occur in Septe	ine, 2006 with remediation in the comber, 2006. Although it	on activities t is
includes a one year conting			no ioiana, mo propossa	porimit torrir
5. Region (check all that apply): X Baffin K	ivalliq Kitikme	_	Transboundary:	
6. Land Status (check all that a		face lands	☐ Inuit Owned Sub-Su	ırface Lands
7. Co-ordinates: Min Lat (degree/minute) Max Lat (degree/minute)	61°18'	Min Long (de Max Long (d		,
NTS Map Sheet No: 25H0 Please ensure that maps of the available from Natural Resources.	he project are attached (1:50			ry)
If the project proposal include Min Lat (degree/minute) Max Lat (degree/minute)	es a camp , please provide the 61°18'	he coordinates Min Long (de Max Long (d	gree/minute) 64°52	,
If different from above for the NTS Map Sheet No: same Please ensure that maps of the available from Natural Resou	e <mark>as above</mark> he camp are attached (1:50,	_	· · · · · · · · · · · · · · · · · · ·	')

8. Non-Technical Project Proposal Summary

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.

(See attached Executive Summary)



SECTION 4: MATERIAL USE

1. List equipment (including drills, pumps, aircrafts, etc.):

Equipment type and number	Size – dimensions	Proposed use
1- Tracked Excavator	CAT 307B, or equivalent	Excavation of contaminated soil
5 – All Terrain Vehicles with trailers	standard	Transportation around site and hauling contaminated soil
2 - portable diesel generators	n/a	Power generation & backup
1 – water pump	n/a	Non-potable water pumping
1 - water storage tank	50,000 - 75,000 litre capacity	Non-potable water storage
1 – water treatment unit	n/a	Wastewater treatment
1 – solid waste incinerator	n/a	Combustible non-haz waste
1 - boat	n/a	Emergency use
1 – temporary camp	25 person capacity	Accommodations

Note: this is a preliminary list of equipment anticipated to be used. A final list will be submitted following award of the Contract and prior to mobilization to the site (see Appendix L – Supplemental Information).

2. Detail fuel and hazardous material use:

Fuels	Number of Containers	Capacity of containers (gal & litre)
Diesel	300	205 L
Gasoline	65	205 L
Aviation fuel		
Propane		
Other (Oxy-Acetylene)	20	50 lbs
Hazardous material (please specify)		
•		
•		

Note: this is a preliminary list of fuel anticipated to be used. A final list will be submitted following award of the Contract and prior to mobilization to the site (see Appendix L – Supplemental Information).

SECTION 5: WASTE DISPOSAL AND TREATMENT FACILITIES

1. List the types of waste:

Type of waste	Projected amount	Method of Disposal	Additional treatment
	generated		procedures
Sewage	40 L / person / day	Disposal off-site	Consolidation
Greywater	75 L / person / day	Discharge to land	Portable treatment unit
Garbage	200 m ³	Incinerated on-site or disposed of off-site	Consolidation
Overburden (organic soil, waste material, tailings)	1,290 m ³	Disposal off-site	Consolidation
Hazardous waste	15 m ³	Disposal off-site	Consolidation
Other:			



SECTION 6: COMMUNITY INVOLVEMENT & REGIONAL BENEFITS

1. List the community	representatives that have b	een contacted and	I provide the mir	nutes of the
meetings if available:				

Community	Name	Organization	Date Contacted	Telephone No.	Fax No.
see below					

Note: Community consultations were held in Kimmirut on December 12, 2005 and Iqaluit on December 13, 2005 (see Appendix I – Community Consultation Q&A). Additional consultations in Kimmirut and Iqaluit are planned for April/May, following award of the Contract, to discuss employment and sub-contracting opportunities.

Applicant:		
	Director, Contaminated Sites	
Signature	Title	Date