

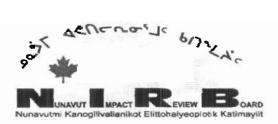
SCREENING PART 1 FORM PROJECT PROPOSAL SUMMARY

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 flp site http://ftp.nunavut.ca/nirb.

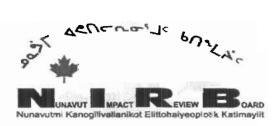
IMPORTANT

Please be advised that your application will not be processed until the following sections 1 - 6 are completed in full in English and Inuktitut (+ Inuinnaqtun, if in the Kitikmeot). Translated versions of this form in Inuktitut and Inuinnaqtun are available from NIRB's ftp site at http://ftp.nunavut.ca/nirb/

1. a) Plea relat If ye	Project Number ase indicate if applicant has submitted any previous applied to this project proposal? as, please indicate the previous NIRB project aber(s):	ication(s) to	NIRB Yes No X
1. b) Project NameFuel Storage Facility Increase Cap	oacity/Cod	e Compliance, Whale Cove, NU
2.	Applicant's full name and mailing address: Brian Duguay, Project Officer Government of Nunavut, Community & Government Services, Projects Division, Kivalliq Region Rankin Inlet, Nunavut X0C 0G0	Fax: Phone: Email:	867-645-8196 867-645-8185 bduguay@gov.nu.ca
3.	Primary contact's full name and mailing address: Brian Duguay, Project Officer Government of Nunavut, Community & Government Services, Projects Division, Kivalliq Region Rankin Inlet, Nunavut X0C 0G0	Fax: Phone: Email:	867-645-8196 867-645-8185 bduguay@gov.nu.ca

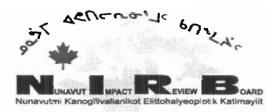


4.	Secondary contact's full name and mailing address: Kevin Hodgins, P. Eng PO Box 1777 4910 53 rd Street Yellowknife, NT X1A 2P4	Fax: Phone: Email:	(867) 920-4319 (867) 920-2882 kevinh@fsc.ca
SI	ECTION 2: AUTHORIZATION NEEDED		
x x x	Nunavut Research Institute (NRI) Hamlet Canadian Launch Safety (CLS) Environment Canada (EC)	AND)	
2.	List the <u>active</u> permits, licences, or other rights date: Hamlet Of Whale Cove Water License (NWB) – a		

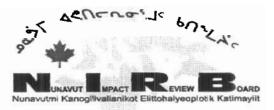


SECTION 3: PROJECT PROPOSAL DESCRIPTION

1. Indicate the type of project proposal:	
Exploration (geophysical ground, geophysical air, drilling)	
Advanced Exploration/ Bulk Sampling	
Mine Development	
All Weather Roads and Trails	
Winter Roads and Trails	
DEW Line Clean up	
Off-Shore Infrastructure	
Pit and/or Quarry	
x Other: Fuel Storage Facility Upgrade	
2. Indicate the activities related to the project propo	sal:
Drilling other than geoscientific	x Quarrying
Offshore structure	All season road
Airport/ landing strip	Winter road
Camp	Access road
x Fuel storage	Road modification
Solid waste disposal	Cabins
Hazardous waste storage or disposal	Sewage or grey water disposal
Research	Blasting
Abandonment and Restoration	Harvesting
Burning	Burying
x Construction	Channeling
x Cut and/or Fill	Removal of vegetation
Dam/ Impoundment (construction/ abandonment/ removal/ modification)	Ditch construction
Drainage Alteration	x Excavation
Chemical Storage	Ecological survey
Explosives Storage	Geoscientific sampling by trenching
Geoscientific sampling by diamond drilling	Geoscientific sampling by trenching
Geoscientific sampling by soil sampling	Hydrological testing
River/ stream/ lake crossing or work/ bridge	Site restoration (fertilization/ grubbing/ scarification/
Kively stream lake crossing of work bridge	spraying/ recontouring)
x Soil testing	x Soil disposal/ Soil storage
Tunneling	Other (please specify):
	No.
3. Personnel	
	No. of person days Up to 1800
on site = (A) = (A)	x No. days on site



4. Timing/Construction Period of operation: Proposed term of permit:	June 2006 June 2006	to September	
Please outline the phases of and scheduling of each phase	se		including the timing
Construction to take place de Operation of the facility is to			sit.
Operation of the facility is to	meet the 20 year demand o	tuel fleeds for the commun	iity.
5. Region (check all that apply) Baffin x K 6. Land Status (check all that Crown x Commissio	ivalliq Kitikme		
Clowii X Colliniissio	ners muit Owned Su	riace larius [_] illuit O	wned Sub-Surface Lands
7. Co-ordinates: For Fuel Storage Facility			
Min Lat (degree/minute)	62 degrees 9 minutes (north)	Min Long (degree/minute)	176 degrees 34 minutes (west)
Max Lat (degree/minute)	62 degrees 10 minutes (north)	Max Long (degree/minute)	176 degrees 34 minutes (west)
Please ensure that maps of available from Natural Reso Mapping to Follow ASAP For Land Farm	urces Canada.		
Min Lat (degree/minute)	62 degrees 11 minutes NORTH	Min Long (degree/minute)	176 degrees 34 minutes WEST
Max Lat (degree/minute)	62 degrees 11 minutes NORTH	Max Long (degree/minute)	176 degrees 34 minutes WEST
NTS Map Sheet No: 55 K Please ensure that maps of available from Natural Reso Mapping to Follow ASAP If the project proposal includ Min Lat (degree/minute)	the project are attached (1:5 urces Canada		at tops should
Max Lat (degree/minute)		Max Long (degree/minute)	·
If different from above for the NTS Map Sheet No: Please ensure that maps of available from Natural Reso	the camp are attached (1:50	_	00 Man datory)



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 (+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.

Project Proposal Summary

The GN's bulk fuel storage and distribution system in Whale Cove consists of the main tank farm with a diesel fuel capacity of 1,380 m³ and a gasoline fuel capacity of 642 m³, dispensing facilities at the tank farm, and a double line resupply pipeline which runs from the shore manifold to the main tank farm.

The community currently receives two fuel products once per year via tanker: Low Sulphur Diesel fuel (LSDL) and Motor Gasoline (Gasoline).

The work at the proposed facility will include refurbishing existing vertical LSDL and existing vertical gasoline tanks for storage of LSDL, construct new vertical LSDL tank at year 10 to meet the 20 year demand. At year 1 construct new vertical gasoline tank to meet the projected volume for year 20 demand.

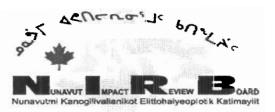
The Proposed work incorporates the following items:

- Expansion of the existing facility, utilizing the following tankage built to satisfy the 10 or 20 year demand:
 - Refurbish existing vertical 1,380 m³ LSDL tank for reuse as LSDL storage.
 - o Refurbish existing vertical 642 m³ gasoline tank for reuse as LSDL storage.
 - Construct new vertical 243 m³ LSDL tank at Year 10.
 - o Construct of one new vertical 420 m³ gasoline tank at Year 1.
 - Refurbish two 90 m³ horizontal tanks at Year 1 for Standby.
- Construction of new berms and liners, and other items necessary to meet code requirements.
- Construction of a new gasoline/LSDL fuel dispenser as per PPD Standards at Year 1.
- Construction of a new operators shelter as per PPD Standards at Year 1.
- Revision of existing and provision of required new piping within tank farm.
- Reconstruction of fencing of site at Year 1.

The existing pipeline has flexible sections, acting as expansion joints. The pipes are supported on a combination of fixed steel supports and barrels. Many of the barrels have collapsed. The system is subject to vandalism and theft. All of these flexible sections outside of the tank farm are to be replaced with continuous pipe expansion loops.

Other additional work recommended include:

· Add booster pump to shore connection point.



- Clean up environmental spillage locations and move to a land farm for remediation.
- · Correct minor code and operational deficiencies.
- Paint new and existing tanks.

The duration of construction of the project is estimated to take approximately two years to complete and will meet the 20 year demands of fuel storage for the community of Whale Cove.

SECTION 4: MATERIAL USE

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

Equipment type and number	Size – dimensions	Proposed use
Dozer	Case 560	Earth Works
Dump Truck	Kenworth 20 tonne	Hauling granular material
Front End Loader	Case W14H	Earth Works
Boom Truck	Chevy Kodiak 5 Tonne	Earth Works, Moving tanks and equipment
Excavator	Komatsu PC200LC	Earth Works, Excavation
Backhoe	Case 580 Super L	Earth Works
Roller/Compactor	Bomag BW172D	Earth Works, Compaction

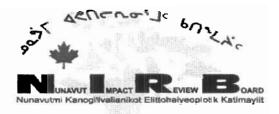
2. Detail fuel and hazardous material use:

Fuels	Number of Containers	Capacity of containers (gal & litre)
• Diesel	None	
Gasoline	None	
Aviation fuel	None	
Propane	None	
Other	None	
Hazardous material (please specify)	None	

SECTION 5: WASTE DISPOSAL AND TREATMENT FACILITIES

1. List the types of waste:

Type of waste	Projected amount generated	Method of Disposal	Additional treatment procedures
Sewage	None		
Greywater	None		
Garbage	None		
Overburden (organic soil, waste material, tailings)	None		
Hazardous waste			
Other: Contaminated Soil	1400 cu. m.	Land Farm	None



SECTION 6: 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	Telephone No.	Fax No.
Whale Cove	Clayton Croucher	Hamlet, SAO	Various	896-9961	896-9109

Applicant:		
Bi		
	Manager, Environmental Engineering	June 29, 2006
Signature	Title	Date