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November 4, 2001

To: Rita Becker

> Licensing Administrator Nunavut Water Board Gjoa Haven, NU

Re: Water License Renewal for Windy Camp

NWB: NWB2HOP0002 NIRB: 01WR097

Enclosed is the completed NIRB Screening Decision Report on a water license renewal at Windy Lake for water use and waste disposal associated with a remote exploration camp in the Kitikmeot Region.

NIRB has screened this application for eco-systemic and socio-economic impacts of the proposal.

NIRB's indication to the Minister is: 12.4.4 (a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;

Please contact me at (867) 983-2593 if you have any questions about the Screening Decision Report.

Yours truly,

Environmental Assessment Officer

בת אָר עלחבית בינוי פוודי אווא אינד ואיז אינד שלאר עלחבית בינו אווא האינד אינד שלאר עלחבית בינוי אווא האינד ואיז ואיז וואיז ואיז אינד שלאר עלחבית בינוי שלאר אינד ואיז וואיז וואיז

SCREENING DECISION

Date: December 4, 2001

Thomas Kudloo Chairperson Nunavut Water Board

Dear Mr. Kudloo:

RE: Screening Decision of the Nunavut Impact Review Board (NIRB) on Application:
NIRB 01WR097
NWB NWB2HOP0002

Water License Renewal for Windy Camp

Authority:

Section 12.4.4 of the Nunavut Land Claim Agreement states:

Upon receipt of a project proposal, NIRB shall screen the proposal and indicate to the Minister in writing that:

- a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;
- b) the proposal requires review under Part 5 or 6; NIRB shall identify particular issues or concerns which should be considered in such a review;
- c) the proposal is insufficiently developed to permit proper screening, and should be returned to the proponent for clarification; or
- d) the potential adverse impacts of the proposal are so unacceptable that it should be modified or abandoned.

Primary Objectives:

The primary objectives of the Nunavut Land Claims Agreement are set out in section 12.2.5 of the Land Claims Agreement. This section reads:

In carrying out its functions, the primary objectives of NIRB shall be at all times to protect and promote the existing and future well-being of the residents and communities of the Nunavut Settlement Area, and to protect the ecosystemic integrity of the Nunavut Settlement Area. NIRB shall take into account the well-being of the residents of Canada outside the Nunavut Settlement Area.

The decision of the Board in this case is 12.4.4 (a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;

Reasons for Decision:

NIRB's decision is based on specific considerations that reflect the primary objectives of the Land Claims Agreement. Our considerations in making this decision included:

- impact to water quality, aquatic habitat, wildlife and fish populations;
- the impact of campsite and equipment on terrain;

From-NUNAVUTIMPACT REVIEW BOARD

- storage and disposal of chemicals, fuel, garbage, sewage, and gray water, and impact of these
 on the ecosystem;
- · clean up/restoration of the camp site upon abandonment; and
- the cumulative effects from all the human usage activities that are occurring in the Hope Bay Belt area.

Terms and Conditions:

That the terms and conditions attached to this screening report will apply.

Water

- 1. The Licensee shall ensure that fresh water for domestic purposes is obtained from Windy Lake.
- 2. The Licensee shall ensure that all water intake hoses are equipped with a screen with an appropriate mesh size to ensure that there is no entrapment of fish.

Fuel and Chemical Storage

- 3. The Licensee shall ensure that fuel storage containers are not located within thirty-one (31) metres of the ordinary high water mark of any body of water.
- 4. The Licensee shall ensure that any chemicals, fuels or wastes associated with the project do not spread to the surrounding lands or enter into any water body.
- 5. The Licensee shall construct an impermeable dyke around each stationary fuel container or group of stationary fuel containers where one container has the capacity exceeding 4,000 litres.
- 6. The Licensec shall take all reasonable precautions to prevent the possibility of migration of spilled petroleum fuel or chemicals over the ground surface.
- 7. The Licensee shall examine all fuel and chemical storage containers daily for leaks. All leaks should be prepared immediately.
- 8. The Licensee shall seal all container outlets except the outlet currently in use.
- 9. The Licensee shall mark all fuel containers with the Licensee's name.
- 10. The Licensee shall dispose of all combustible waste petroleum products by incineration and removal from the site.
- 11. The Licensee shall have an approved emergency response and spill contingency plans in place prior to the commencement of the operation.
- 12. The Licensee shall immediately report all spills of petroleum and hazardous chemicals to the twenty-four (24) hour spill report line at (867) 920-8130.

Waste Disposal

- 13. The Licensee shall not discharge or deposit any refuse substances or other waste materials in any body of water, or on the banks thereof, which will impair the quality of the waters of the natural environment.
- 14. The Licensee shall not locate any sumps or areas designated for waste disposal within thirty (30) metres of the ordinary high water mark of any body of water, and be sufficiently bermed or otherwise contained to ensure that these substances to do not enter a waterway unless otherwise authorized.
- 15. The Licensee, prior to the discharge of fluids from any sump, shall carry out an analysis of the fluid in a manner prescribed by the NWB.
- 16. The Licensee shall treat greywater and sewage according to the terms and conditions outlined in the NWB approval.
- 17. The Licensee shall backfill and recontour all sumps to match the natural environment prior to the expiry date of the license.
- 18. The Licensee shall incinerate all combustible and food wastes daily. The Licensee shall use as a minimum incineration method a 45 gallon drum modified to form a more efficient incinerator.
- 19. The Licensee shall keep all garbage and debris in a covered metal container until disposed of.
- 20. The Licensee shall ensure that all wastes generated through the course of the operation are backhauled and disposed of in an approved dumpsite.
- 21. The Licensee shall deposit all scrap metal, discarded machinery and parts, barrels and kegs, at an approved disposal site.

Wildlife

- 22. The Licensee shall ensure that there is no damage to wildlife habitat in conducting this operation.
- 23. The Licensee shall not feed wildlife.
- 24. The Licensee use the latest bear detection and deterrent techniques to minimize man-bear interactions and shall report any Man-Bear Interactions to the nearest Renewable Resource Officer.
- 25. The Licensee shall not locate any operation so as to block or cause substantial diversion to migration of caribou.
- 26. The Licensee shall cease activities that may interfere with migration or calving, such as airborne geophysics surveys or movement of equipment, drilling activities until the caribou and their calves have vacated the area.
- 27. The Licensee shall not conduct any activity associated with the land use operation during critical periods of wildlife cycles (eg. caribou migration, calving, fish spawning or raptor nesting).
- 28. That the Licensee shall ensure that there is no hunting by employees of the company or any contractors hired.

- 29. The Licensee shall ensure that aircraft pilots adhere to recommended flight altitudes of greater than 300 m above ground level as to not disturb wildlife. Raptor nesting sites and concentrations of nesting or molting waterfowl should be avoided by aircraft at all times.
- 30. The Licensee shall ensure compliance with Section 36 of the Fisheries Act, which requires that no person shall deposit or permit the deposit of a deleterious substance on any type in water frequented by fish or in any place under any conditions where the deleterious substance may enter such a water body.
- 31. The harmful alteration, disruption or destruction of fish habitat is prohibited under Section 35 of the Fisheries Act. No construction or disturbance of any stream/lake bed or banks of any definable watercourse is permitted unless authorized by DFO.

Environmental

- 32. The Licensee shall ensure that the land use area is kept clean and tidy at all times.
- 33. The Licensee shall prepare the site in such a manner as to prevent rutting of the ground surface.
- 34. The Licensee shall not do anything that will cause erosion of the banks of any body of water on or adjacent to the land and shall provide necessary controls to prevent such erosion.
- 35. The Licensee shall be required to undertake any corrective measures in the event of any damage to the land or water as a result of the Licensee's operation.
- 36. The Licensee shall adopt such measures as required to control erosion by surface disturbance.
- 37. The Licensee may only stockpiles in areas designated

From-NUNAVUTIMPACT REVIEW BOARD

- 38. The Licensee shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging.
- 39. The Licensee shall suspend overland travel of equipment or vehicles if rutting occurs.

Structure & Storage Facilities

- 40. The Licensee shall not erect structures or store material on the surface ice of lakes or streams.
- 41. The Licensee shall locate all structures and storage facilities on gravel, sand or other durable land.
- 42. The Licensee shall use existing housing and operational facilities.

Archaeological Sites

43. The Permittee shall follow all terms and conditions for the protection and restoration of archaeological resources as outlined by the Department of Culture, Language, Elders and Youths (CLEY) in attached letter.

DEC-10-01 MON 01:15 PM

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T-097 P.007/032 F-569

CHIEF ONER NUNAVUT 2001-Dec-10 11:48am From-NUNAVUTIMPACT REVIEW BOARD

FAX:867 896 9607 +8679832594

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Reclamation

- 44. The Licensee shall remove all scrap metal, discarded machinery and parts, barrels and kegs, buildings and building material upon abandonment.
- 45. The Licensee shall complete all clean-up and restoration of the lands used prior to the expiry date of the permit.
- 46. The Licensee shall undertake opgoing restoration for any land or improvements which are no longer required for the Licensee's operation on the land.

Other Recommendations

- 1. NIRB would like to encourage the proponent to hire local people and services, to the extent possible.
- NIRB strongly advises proponents to consult with local residents regarding their activities 2. in the region, and do community consultation on the project to keep the communities informed.
- 3. Any amendment requests deemed by NIRB to be outside the original scope of the project will be considered a new project.
- The Environmental Protection Branch (DOE), Department of Fisheries and Oceans (DFO), 4. Nunavut Impact Review Board (NIRB), and the Nunavut Water Board (NWB) should be advised of any material changes to plans or operating conditions associated with the project.

Validity of Land Claims Agreement

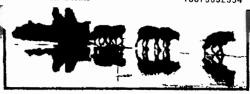
Section 2.12.2

Where there is any inconsistency or conflict between any federal, territorial and local government laws, and the Agreement, the Agreement shall prevail to the extent of the inconsistency or

Dated Doc 10/01 at Arviat, NU

Lisabett Smalau

Elizabeth Copland, Chairperson



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NUNAVUT IMPACT REVIEW BOARD SCREENING FORM

1. General File Information on Screening
NIRB #: (yy-xxx) Authorizing Agency #(s): MSAMO (ms)
Project Title: When Licence Renewal for Windy Comp Title of Project Proponent: Hugh & Wikin
Company/Applicant
Proponent's Address: Hope Bay Toint Venture
Moth Varranger, BC. V7M 185
Contractor: Company / persons doing the work if different from the proponent
address and contact numbers
Proposed Dates of Activity: Start Date 16 (yyyy-nim-dd) End Date 16 (yyyy-nim-dd)
EA Starting Date. October 30, 2001 Date application accepted (yyyy-mm-dd)
Date Application Referred for Comments: November 2, 3001
Deadline for Comments: (yyyy-mm-dd)
NIRB's EA Indication: 12.4.4 (C)
Date of Indication: Secretary 10 101
Project Cancelled: Yes, Give Reason
Comments:

2. Authorizing Agencies
Authorizing Agency(ies): Kivalliq I.A., Kitikmeot I.A., QIA, NWB, NWMB, DIAND, DFO. DOE, NRI, RWED, Other:
Authorizing Agency Contact Person: Red Per let (office where project file is located, contact person, number)
Land Status: Inuit Owned Crown Commissioner's Marine Areas
Type of Application: (e.g. water licence, land use permit, quarry permit, research permit, loase, reserve)
Type of Approval being sought:
Other required approvals, permits or licences: (e.g. water licence, land use permit quarry permit, lease, reserve)
Present Authorizations (active):(file number)
Previous Authorizations (inactive/expired):
3. Project Location
Kivalliq Kitikmeot Baffin
Kivalliq Kitikmeot Baffin Land Use Planning Region Set Kill Kneet
Kivalliq Kitikmeot Baffin Land Use Planning Region (e.g. West Kitikmeot, North Baffin, South Baffin, Kivalliq) Geographic Place Name:
Kitikmeot Baffin Land Use Planning Region (e.g. West Kitikmeot, North Baffin, South Baffin, Kivalliq) Geographic Place Name: (neurest place name or geographic feature)
Kitikmeot Baffin Land Use Planning Region (e.g. West Kitikmeot, North Baffin, South Baffin, Kivalliq) Geographic Place Name: (neurest place name or geographic feature) Local/Traditional Name:
Kitikmeot Baffin Land Use Planning Region Geographic Place Name: (neurest place name or geographic feature) Local/Traditional Name: National Topographic Sheet (NTS) Number: The Scale:
Kivalliq Kitikmeot Baffin Land Use Planning Region (e.g. West Kitikmeot, North Baffin, South Baffin, Kivalliq) Geographic Place Name: (neurest place name or geographic feature) Local/Traditional Name: National Topographic Sheet (NTS) Number: F Scale: Latitude/Longitude: (degrees, minutes seconds) Drainage Region and Watershed:

If yes, what additional procedures/contacts are needed?

Special Designation. (Yes/No-e.g. Heritage River, Wildlife Reseserve, Park)

Does the project have Nunavut transboundary implications? Yes _____ No ___

4. Project Description and Assessment		
Physical Work, Activity(ies): challing, construction camp, research, water works, installation, modification, maintenance)		
(drilling, construction, earnp, research, water works, installation, r	nodification, mainten	ince)
Multiple Activities Yes No	_	
Project Category Code: Point Multiple Points Linear	Area	>
Phase of Project Costolic		
(exploration, bulk sampling, development, operations, decommissioning, aba	ndonment restoration)
Project Description Summary (non-technical):		
(duration of project, size of project, number of personnel on site, related physical activities, machinery used, fu	els and chemical use	and storage.
associated infrastructure, methods of transportation, amount and source of resources needed eg. Gravel)		
	- A - A - A - A - A - A - A - A - A - A	
Attach Project Overview (English and Inukitut)		
Alternatives Considered: (list all alternatives to the project and/or components of the project to avoid unnecessary amendments, (e.g. alt		
camp logistics)	ernatives to location o	of ice road or
		-
		() () () () () () () () () ()
		Marie III a December
5. The Proponent's Public Consultation Process		
Description of Proponent's Public Consultation Process		
Communities are amone of the ba	schous	
Commenty wists couled not in A	18, 900	<u>\</u>
	MICHAEL S. SU	VJ
Did proponent make use of traditional knowledge?	Yes	No
Was information available in the community's preferred language?	Yes	No
In NIRB's opinion, was the proponent's public consultation adequate?	Yes_	No
If no, explain why the proponent's consultation program was found defic	ient.	
	AA ///	

Description of Biophy is the nylion ments
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undres der in Hese oreas.
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Steep, racky hills, lish willow vegetation
Characterize His wildlife zone Muska
calle throughout this area
•
Description of Social Economic and Cultural Environment
Description of Socio-Economic and Cultural Environment
Husting trapping and fishing activities
are concentrated along the major travel
antes, between Carolina Bou and
coutes, between Combridge Boy and coppermine and between Bathurst
cother with controlled to day
Inlet and the Perry River areas.
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7. NIRB's Consultation Process Date application referred for comments: Worker 2, 300		
Deadline for comments:	(yyy-mm-dd)	
Distribution List: NUNAVUT;NTIQlAKivalliq I.AKitikmeot I.ANPCNWBNWMBRWOInuit Heritage TrustCommunity(s) HamletCommunity(s) Hamlet	Contact Person: San Yaqabak Taak Himlak	Date comments received Mov 5 161 Mov 5 161
GOVERNMENT OF NUN Sustainable Dev. CGHV HSS CLEY Other?	AVUT:	1010E mall
TRANSBOUNDARY PARTIES		
OTHER PARTIES		

Identification of Project Activit and Environmental Effects
Identify all activities of the project under screening and their potential adverse environmental effects.

Project Activities	Project Effects
Wicheck ill the items appropriate to this project)	'V check all the trems appropriate to this project)
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winter	Directly-related Socio-Economic & Cultural Effects:
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io.uidonment, removal	1 Vampuer of hunning of trapping / fishing
modification e.g., widening	2implier_irivomen
Must mobile, aircraft or vessel movement	inen
besing	children
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burning	 impact to traditional use or traditional use area.
chuncelling	4 impact to outritters
ការពនយោកដល់ព	5 impact on recreational use
·_oulding	6 implict on family structure
ined, warehouse	7 impact to community health
landing suip	8 change in community economics
cut and ail	9 change in community housing or
removal of vegeranon	intrustructure
dams .ind impoundments	10impact to industry
construction ibandonment/removal	
modification	11change in regional transportation 12mpact to urchaeological or cultural landmarks
drich construction	12. Impact to irenaeological or cultural landmarks
draininge alteration .	13. Vimpact on beauty of the landscape
drilling other than geoscientific	14other, explain
Zecological surveys	D:
excavanon	Biophysical Environment Effects
exclusion exclusive storage	15deposit into surface or ground water
ruei storage	 deposit to marine environment
₩ giripilde	17 change in surface or ground water flow
disposal of hazardous waste	18 change in water temperature
disposal of sewage or grey water	19change in drainage pattern
Lasposal of solid waste	20 change in air quality
geoscientific sampling	21 change in air flow
_ tranching	22 micro-climate change
diamond dnll	23 ice tog
_ borehole core sampling	24 Change in imbient noise level
bulk soil sampling	25 Daeposit ento ground surface
— hvarological testing — quarty	26 change in slone stability
	26 change in slope stability 27 change in soil structure
nver stream. lake crossing/bridging site restoration	28 alteration of permatrost regime
tertilization	28 destabilization/erosion
grubbing	30 Zsoil compaction
pluning/seeding	
- scanneanon	31change in access to renewable resources
spraying	32depletion of non-renewable resource
recontouring	33 removal or rare/endangered plant species
soil resang	34introduction or species
topsoil, overburden or soil	35 toxin, heavy metal accumulation
fill	36 removal or rare, endangered wildlife species
disposal	37change in wildlife health
removal	38. Limpact to large mammals
storage	39 Limpact to small mammals
runnelling/underground	40. Limpact to fish
Sther, explain Count	41. 🗸 unpact to birds
a visible to a socidant of the	42 impact to other wildlife
_ possibility for accidents or malfunctions. Describe.	43. Impact in a calving, nesting, staging or
	spawning area
	44 removal of wildlife buffer zone
affects of any comment of marines to a flooding	45change in wildlife habitat/ecosystem
effects of environment on project (e.g., flooding).	46 other, explain
Describe	

Describe biophysical and socio-economic and cultural effects identified ...om check-list.

Environmental Effect	Describe
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9. Cumulative Effects: Ic Tcation of	Other Resources Used in : Area. Identify
past, current and future (pending applications) physic proponent, other proponents and nearby communities	ral works and activities in the area (for the es) and their potential adverse environmental effects.
Other Resource Uses	Effects from Other Resource Uses
with check all the items appropriate to this project?	"I sheek all the sterns appropriate to the scope of this
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∠inar every	7: 1 1 12 / 5 1 10 6 1
murine mummals ∠'und mummuls	Directly-related Socio-Economic & Cultural Effects:
Zir bearers	1 $\frac{V}{V}$ impact to hunting / trapping / tishing
birds	2implictionwomen
shellrish	me:i
plants	children
herries	eiders
	3 impact to traditional use or traditional use area
=zblotanou	impact to outritters impact on recreational use
open pits	6 impact on family structure
underground	7 impact to community health
oti-shore	8 change in community economics
mineral processing	9 change in community housing or infrastructure
industry (type)	10impact to industry
quarries	11 change in regional transportation
Tagaseguse	 12. ∠impact to archaeological or cultural landmarks 13impact on beauty of the landscape
Vtransportation/communications	14other, explain
✓ aurport / landing strip	
roads/access routes	Biophysical Environment Effects
shipping	15deposit auto surface or ground water
channels/canal *	16 deposit to marine environment
celephone lines, satellite dishes, cables	17 change in surface or ground water flow
beacons waste disposal (solid, liquid or gas?)	13 change in water temperature 19 change in drainage partem
= suestas, brolect = waste crabosa; fourd' infinit or Basily	20change in air quality
hydro	21 change in us dow
pipeline	22micro-climate change
transmission line	23 ice rog
other water licenses, permits, leases	24change in ambient noise level
✓ lands ✓ Inuit owned	25deposit onto ground surface 26change in slope stability
-surface rights	27 change in soil structure
-sub-surface rights	28alteration of permatrost regime
Crown	29destabilization/erosion
Commissioner's	30soil compaction
Marine Areas	31 change in access to renewable resources
other private lands held under tenure heritage sites or archaeological sites	32depletion of non-renewable resource 33removal of rare/endangered plant species
recreation (eg cabins, tent frames)	34introduction of species
tourism	35 toxin, heavy metal accumulation
municipal (construction)	36 removal or rare/endangered wildlife species
commercial	37change in wildlife health
built structures infrastructure	38. Limpact to large mammals 39 Limpact to small mammals
agriculture	40impact to fish
forestc;	41impacr to birds
other, explain	42. <u>ippouct to other wildlife</u>
-	+3. Limpact in a calving, nesting, staging or spawning
	area
	+4 removal of wildlife buffer zone +5 change in wildlife habitat/ecosystem
	46other
(October 1993 Sersion) Nunavut Impact Review Board Screening For	
Control of the Contro	

12.	Significance			
After taking into account the mitigation measures identified in #11, are any of the residual, adverse environmental effects significant?				
	Try as, identifi	No. which one's and proceed to =13; if no proceed to = 14.		
	Numbers			
L3.	Likelihood o	f Occurrence		
Of the	e significant, res Yes	ridual, adverse environmental effects identified in #12, are any likely to occur?		
	Number(s)			

 Information Sources
What sources of information were used in the screening process?
local knowledge
traditional ecological knowledge
iand use plans (and draft land use plans)
authorizing agencies' data
departmental or agency opinions
maps
photos
reports (scientific, economic, social, or anthropological, archival or historical
information)
Nunavut Environmental Database (NED)
personal communications Project Registry (NPC) (NIRB)
Project Registry (APC) (NIKIS)
previous similar projects
service organizations
media monitoring
expects
other

15. Staff Recommendations
Staff Recommendations: (include rationale)
company to so a good historical post. No
concern with this application.
Prepared By: Cabalanta Date: Mrs 33 101 Screens Screens Date: Was 33 101
16. NIRB'S Principles
The project has significant adverse effects on the ecosystem, wildlife habitat or Inuit harvesting activities.
The project may have significant adverse socio-economic effects on northerners.
The project will cause significant public concern.
The project involves technological innovations for which the effects are unknown.
The project does not have significant effects or concerns.
17. Indication to the Minister (12.4.4) S.B. Transfer this information to Box 1: "EA Indication" and "Date of Indication".

17. Indication to the Minister (12.4.4) > B. Transfer this information to Box 1: "EA Indication" and "Date of Indication". a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5: b) the proposal requires review under Part 5 or 6; NIRB shall identify particular issues or concerns which should be considered in such a review; c) the proposal is insufficiently developed to permit proper screening, and should be returned to the proponent for clarification; or d) the potential adverse impacts of the proposal are so unacceptable that it should be modified or abandoned.

2001-Dec-19 12:39pm From-NUNAVUTIMPACT REVIEW BOARD
DEC-10-01 MON 01:14 PM CHIE' DRONER NUNAVUT
2001-Dec-10 11:48am From-NUNAVUT(MPACT REVIEW BOARD

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12

18. Terms and Conditions			
It the determination is 12.4.4 (a), NIRB's terms and conditions include those listed in the Screening Decision Report.			
Specific Terms and Conditions to note include:			
-			
19. Author	Myshell forland Date: Dec 10/01 (9799-mm-dd)		
20. Fallow	-up / Monitoring		
Minister's Dere	rminanon		
Action?	Minister agreed with NIRB's indication.		
Action?	Minister varied NIRB's indication.		
Action?	Minister rejected NIRB's indication		
If applicable, Is a fol	low-up/monitoring progrim required? If yes, give details.		
Hue so	reening report information been added to NIRB's GIS/Calvx system?		

+8679832594

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T-777 P.03/09 F-775

COMMENT FORM FOR NIRB SCREENINGS

The Nunavut Impact Review Board has a mandate to protect the Integrity of the ecosystem for the existing and future residents of Nunavut. In order to assess the environmental and socio-economic impacts of project proposals, NIRB would like to hear your concerns, comments and suggestions about the following project application:

ocation:Windy Lake Camp_ comments Due By: _Friday, Noven	nber 23, 2001
ndicate your concerns about the p	
no concerns I Water quality	 traditional uses of land Inult harvesting activities
C terrain	community involvement and consultation
air quality	_ local development in the area
wildlife and their habitat	🖸 tourlam in the area
marine mammals and their habitat	🗆 human health issues
birds and their habitat	□ Other:
I fish and their habitat	
C haritage resources in area	
Please describe the concerns indi	natur dhasa:
Do you have any suspections or a	acommendations for this application?
Do you have any suggestions or r	ecommendations for this application?
Do you have any suggestions or r Do you support the project propo Any additional comments?	

+8679832594 T-097 P.021/032 F-569
1 MA NV, UU 1 42UJ 1. 2
1-778 P.03/09 F-775

COMMENT FORM FOR NIRB SCREENINGS

The Nunavut Impart Review Roard has a mandate to protect the integrity of the ecosystem for the existing and future residents of Nunavul. In urder to assess the environmental and socio-economic impacts of project proposals, NIRB would like to hear your concerns, comments and suggestions about the following project application:

roponent:Hope Bay Joint Ven	NIRB#: 01WR097
omments Due By: Friday, Nova	ture, NIRB#:01WR097 mber 23, 2001
idicate your concerns about the	project proposal below:
no concerns	Traditional uses of land
water quality	☐ Inuit harvesting activities
terrain	Community involvement and consultation
l air quality	in local development in the area
wildlife and their habitat	Ti Tourism in the area
marine mammals and their habitat	Thuman nealth issues
birds and their nabitat	□ Other:
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heritage resources in area	
lease describe the concerns ind	icated above:
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Do you have any suggestions or I	
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Do you have any suggestions or I	
Do you have any suggestions or i	sai? YES 🕅 NO 🗀
Do you have any suggestions or proposed on the project proposed any additional comments?	osal? YES NO D
Do you have any suggestions or i	sai? YES 🕅 NO 🗀



November 20 2001

Gladys Joudrey Environmental Assessment Officer NIRB Cambridge Bay, NU

Water License Renewal for Windy Camp - Hope Bay Joint Venture

I have reviewed the proposal for a license renewal by this proponent and from my perspective do not have a problem with this ongoing requirement. The number of years requested for a renewal might be "a question" being 5 years; however, I am assuming that they must remain in compliance through the period and that annual or any inspections noting significant or ongoing deficiencies could result in license termination, thereby serving as a strong stimulus to do as they say they will.

I can remember reviewing and participating in the proponents' past year request to modify the means that sewage effluent is dealt with through the addition of a Rotodisk operation. This type of enhancement provides a means of addressing larger volumes of effluent through a more mechanical type of operation. This type of initiative tells me that the proponent is doing their part to ensure they can address any possible ongoing environmental issues with this need.

I have also travelled several times personally to the Windy Camp site and have always noted the orderly nature of the camp and the manner in which they ensure a suitable place or disposal for everything; especially as this complies to activities near or on the Windy Lake, their source of water.

I have no concerns for the purpose intended regarding the renewal of the Water License for this camp as proposed. Their activity to date and their apparent capability to react to related license issues has a good historical past and gives me confidence they can abide by the Water License terms as required for this need.

Regards:

Doug Crossley Special Advisor

CG&T - Cambridge Bay

+8679832594

T-097 P.023/032 F-569

COMMENT FORM FOR NIRB SCREENINGS

The Nunavut Impact Review Board has a mandate to protect the integrity of the ecosystem for the existing and future residents of Nunavut. In order to assess the environmental and socio-economic impacts of project proposals, NIRB would like to hear your concerns, comments and suggestions about the following project application:

Project Title: _Water Licence Renewal for	w Windy Lake Camp
Proponent: Hose Bay Joint Venture	rentoy Luico Gathp
Proponent: Hope Bay Joint Venture Location: Windy Lake Camp	NIPR# 01WR097
Comments Due By: Friday, November 2	2 2004
Indicate your concerns about the projec	t proposal below:
M no concerns	☐ traditional uses of land
water quality	C Inuit harvesting activities
□ terrain	Community involvement and consultation
🛘 air quality	□ local development in the area
(1) wildlife and their nabitat	□ tourism in the area
☐ marine mammals and their habitat	C human health issues
□ birds and their habitat	口 Other:
☐ fish and their habitat	
Li heritage resources in area	
Please describe the concerns indicated	above:
	1 0 01 1:1
no Conserns due Pro to Manage responsibly	ponents Proven Ability
	1
1 Programme to come Fill	2 deal with isrver.
to manage to point by	
Do you have any suggestions or recomm	mendations for this application?
400,100	• •
Do you support the project proposal? Y	PE D NO C
	E2 M NO M
Any additional comments?	
1	
News	Translate of Fit & Roy
Name of person commenting:	Granlar of Cambridge Bry
Position: Jeegal Halvisor	reanisation: CG+V
Signature: Town Town In	Date:

2001-Dec-19 12:42pm From-NUNAVUTIMPACT REVIEW BOARD +8679832594 T-097 P.024/032 F-569 NOV-28-01 14:36 From:ENV CAN! !!T NUNAVUT 8969754645 T-970 P.02/02 Job-644



Environment Environmement Canada Canada

Northern Division
Environmental Protection Branch
Prairie and Northern Region
Qimugjuk Building
P.O. Box 1870
Iqaluit, XOA 0H0
Ph. (867) 975-3645

November 27, 2001

Our File: 4703 001 018

By Facsimile: (867) 983-2594

Gladys Joudrey
Environmental Assessment Officer
Nunavut Impact Review Board
P.O. Box 2379
Cambridge Bay, NT X0E 0C0

Re: Hope Bay Joint Venture - Water Licence Renewal - NIRB File 01WR097 -

Windy Lake Camp

The Hope Bay Joint Venture is seeking a five year licence renewal (NWB2HOP0002) for water use and waste disposal associated with a remote exploration camp in the Kitikment region. On behalf of Environment Canada (EC) I offer the following comments for your consideration.

Environment Canada has no concerns with the request for a license renewal. However as highlighted in the water use inspection report October 15, 2001 there were numerous small spills on record. EC recommends that the proponent look at developing further preventative measures in order to reduce the frequency of spills as the effects of numerous small spills over time must be considered.

Please do not hesitate to contact me at (867) 975-4639 with any questions or comments regarding the foregoing.

Yours Muly.

Lawrence Ignace

Environmental Assessment Specialist

cc: Paula Pacholek (Environmental Assessment Coordinator, EPB)
Anne Wilson (Water Pollution Specialist, EPB)





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Fisheries and Oceans
Canada

ada Canada

Coast Guard

Central & Arctic Region

201 N. Front Street, Suite 703 Sarnia, Ontario

N7T 8B1

Ontario

Your file Votre référence

Our file Notre référence

1675-9-9

November 8, 2001

Gladys Joudrey Nunavut Impact Review Board PO Box 2379 Cambridge Bay, NT X0E 0C0

Dear Madam:

Thank you for your submission with regard to NIRB # 01WR097, Water Licence Renewal Windy Lake Camp, Hope Bay Joint Venture.

Pêches et Océans

Région du Centre et de l'Arctique

Garde côtière

The information will be reviewed by this office and our response will be forwarded to DFO Fish Habitat in Iqaluit. They in turn will prepare a Departmental response encompassing both the Navigable Waters Protection Act and the Fisheries Act.

Yours truly,

Barry Putt

A/Inspections Supervisor Navigable Waters Protection

BP/kab

cc: FHM



Dec-19-01 09:32am

From-Culture La

ge, Elders & Youth Igaluit +8679755504

P.05/23



Δc~dr'c~~è°

Department of Culture, Language, Elders & Youth

Pithonilikioni

Ministre du governement Culture Langues, Aînés et Jeunesse

December 18, 2001

Gladys Joudrey Environmental Assessment Screener Nunavut Impact Review Board Box 2379 Cambridge Bay, NU X0E 0C0

Re: NIRB 01WR097 Water License Renewal for Windy Lake Camp (Hope Bay Joint Venture)

Due Date: November 23, 2001

Dear Ms. Joudrey:

At your request, the Department of Culture and Heritage, Government of Nunavut, has reviewed the above-noted application. Our recommendations follow.

We recommend approval of the above-cited application, on the condition that the proponent's activities avoid the known archaeological sites listed in Attachment #1. The information contained in Attachment #1 is provided solely for the purpose of the proponent's land use activities as described in the land use application, and must otherwise be treated confidentially by the proponent.

The attached conditions specify plans and methods of site protection and restoration to be followed by the permittee if an archaeological site is encountered or disturbed in the course of the land use activity.

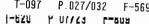
Culture and Heritage

Department of Culture, Language, Elders and Youth

Encl.

Dec-19-01 09:32am

From-Culture L: :ge, Elders & Youth (qaluit) +8679755504





ARCHAEOLOGICAL RESOURCES: TERMS AND CONDITIONS

BACKGROUND

The archaeological record of the Inuit of Nunavut is a record of Inuit use and occupancy of lands and resources through time. The evidence associated with their use and occupancy represents a cultural, historical, and ethnographic heritage of Inuit society and, as such, Government recognizes that Inuit have a special relationship with such evidence, which shall be expressed in terms of special rights and responsibilities.

The archaeological record of Nunavut is of spiritual, cultural, religious and educational importance to Inuit. Accordingly, the identification, protection, and conservation of archaeological sites and specimens and the interpretation of the archaeological record is of primary importance to Inuit and their involvement is both desirable and necessary.

As defined in the Nunavut Archaeological and Palaeontological Sites Regulations: 11.

"Archaeological artifact" means any tangible evidence of human activity that is more than 50 years old, in respect of which an unbroken chain of possession or regular pattern of usage cannot be demonstrated, and includes a Denesuline archaeological specimen referred to in Section 40.4.9 of the Nunavut Land Claims Agreement.

"Archaeological site" means a site where an archaeological artifact is found.

"palaeontological site" means a site where a fossil is found.

"fossii" includes: (a) natural casts; (b) preserved tracks, coprolites and plant remains; and (c) the preserved shells and exoskeletons on invertebrates and the eggs, teeth and bones of vertebrates

- Any new Terms and Conditions raising issues found in ss. 10 and 16 of the Territorial Land Use Regulations should III. duplicate statutory sections, or be stricter, but not more lenient in terms of protection of archaeological respurces.
- IV. 1. The permittee shall not operate any vehicle over a known or suspected archaeological site.
 - 2, The permittee shall not remove, disturb or displace any archaeological specimen or sits.
 - 3. The permittee shall contact the Department of Culture, Language, Elders and Youth (867-975-5500) and DIAND officials should an archaeological site or specimen be encountered or disturbed by any land use activity.
 - 4. The permittee shall immediately cease any activity which disturbs an archaeological or historical site, encountered during the course of a land use operation, until permitted to proceed with the authorization of the Department of Culture, Language, Elders and Youth, Government of Nunavut, Iqaluit.
 - The permittee shall follow the direction of the Department of Culture, Language, Elders and Youth and DIAND in 5. restoring disturbed archaeological sites to an acceptable condition.
 - 6. The permittee shall provide information to the Department of Culture, Language, Elders and Youth about each archaeological site or specimen encountered by any land use activity, by completing the attached form.
 - 7. The permittee shall make best efforts to ensure that all persons working under authority of the permit are aware of these conditions concerning archaeological sites and specimens.
 - 8. The permittee shall avoid the known archaeological sites as listed in Attachment #1
 - 9. The permittee shall have an archaeologist perform the following functions, as required by the Department of Culture, Language, Elders and Youth; survey, inventory and documentation of the archaeological and historical resources of the land use area; assessment of potential for damage to archaeological sites; mitigation; marking boundaries of archaeological sites for avoidance; restoration. The Department of Culture, Language, Elders and Youth shall authorize by way of a Nunavut Archaeologist Permit all procedures subsumed under the above operations.

Nunavut Land Claims Agreement Article 33

Bibliographic References ASC ARCHIVES Ms. 3934

Research Activity By Date Observed
Date Visited 1996//
Researcher Prager, G.
Contract Number

m.

ge, Elders & Youth Igaluit

+8679755504

Dec-19-01 09:33am From-Culture La

F U3/23 1-b/U

Attachment 1

Permit Number **Project Name**

NWT 96-821

BHP 1996 Hope Bay Belt Project

Borden Number Upper Lower Sequence Reporter Number NaNh-6 NN ah 006 BOS96-T29

Site Name

Errors Location

The site is located approximately 7 km. south of Roberts Bay (off Mellville Sound) and about 0.5 km. north of a large lake known locally as Windy Lake, it is situated on a grassy flat between two bedrock knolls on the west side of a stream draining Windy Lake. NUNAVUT

Territory/Province

District

Map Reference Site Owner Jurisdiction Latitude Longitude

WEST KITIKMEOT 77A/3

Nunavut Federal government 68 06 29 N 106 39 21 W

Method of Determination

NAD 27, CMC AutoCad Digitizer reading from NTS map

13WDF E3110 N5563

Method of Determination Elevation - ASL

NAD 27, CMC AutoCad Digitizer reading from NTS map From: To: m.

Elevation - Relative

From: 98.43 To: 98.43 ft. ft. From: m. Ta: m. From: ft To: ħ.

Method of Determination

Reference Point Site Size

Site Condition Site Type Class Site Type

5 m. x 5 m. largely intact

indigenous historic?

Site Features

stone feature (circular)

hearth windbreak

Culture

Scientific Dates Occupation Dates Collections Remarks

This site consists of one stone circle of a squarish shape about 3 m. x 4 m. with an apparent open side facing north. It is situated near the base of one of the bedrock knolls. There is a flat slab hearth/windbreak near the back wall of the circle.

Bibliographic References

ASC ARCHIVES Ms. 3934

Research Activity By Date Observed

Date Visited Researcher

1996// Prager, G.

Contract Number Permit Number

NWT 96-821

Project Name

BHP 1996 Hope Bay Belt Project

NaNh-11 NN ah 011 HB97-T39

Borden Number Upper

Lower Sequence Reporter Number

NIRE 01WR097

Errors Location

On exposed bedrock surface at the north end of an elevated bedrock ridge south of small lake which is south of Windy Lake.

Territory/Province TUVANUN

District Map Reference WEST KITIKMEOT 77A/3

Site Owner Jurisdiction

Nunavut Federal government

Latitude

68 02 30 N

106 37 07 W Longitude Method of Determination

NAD 27, CMC AutoCad Digitizer reading from NTS map

13WDF E3245 N4816 Method of Determination

NAD 27, CMC AutoCad Digitizer reading from NTS map

Elevation - ASL

From: m. From: 131,23 ft.

To: m. To: 131.23 ft.

To:

To:

Elevation - Relative

Fram: m. From: ft.

m. ft.

Method of Determination

Reference Point Site Size

10 m north-south by 30 m east-west

Site Condition Site Type Class

largely intact undetermined

Site Type

Site Features Culture

stone feature (circular)

Scientific Dates Occupation Dates

Collections Remarks

Two stone circles (3 m x 4 m, 3 m dia., 20 m apart) built of closely spaced medium sized angular blocks on a bare bedrock

surface. No cultural materials were observed.

Bibliographic References

ASC ARCHIVES Ms. 4024

Research Activity By Date Observed **Date Visited** Researcher

1997// Prager, G.

Contract Number

Permit Number

NWT 97-850

Project Name

1997 Hope Bay Belt Project

Borden Number Upper Lower Sequence

NaNh-15 NN ah 015 HB97-T38

Reporter Number Site Name Errors

Location

In the interior of a large, undulating bedrock ridge east of Windy

Lake and norhtwest of Patch Lake.

Territory/Province District

NUNAVUT WEST KITIKMEOT

Map Reference

77A/3

Site Owner Nunavut

Jurisdiction Federal government Latitude 68 04 42 N Longitude 106 36 31 W

Method of Determination

NAD 27, CMC AutoCad Digitizer reading from NTS map

UTM

13WDF E3298 N5223

Method of Determination

NAD 27, CMC AutoCad Digitizer reading from NTS map

NIRB 01WR097

Attachment 1

m. To: m From: Elevation - ASL To: 180.45 ft. ft. From: 180.45 To: m. m. From: **Elevation - Relative** ft. To: ñ. From:

Method of Determination

Reference Point

Site Size

Site Condition Site Type Class

Site Type Site Features Culture

Remarks

Scientific Dates Occupation Dates Collections

5 m north-south by 4 m east-west

largely intact prehistoric?

stone feature (circular)

A single, large stone circle (4.5 m x 3 m) is on an elevated grassy surface partly protected by low bedrock walls ont he west and south sides. The rocks are fairly evenly spaced and partially buried. A grouping of rocks within the circle could be a

hearth/windbreak.

Bibliographic References

ASC ARCHIVES Ms. 4024

Research Activity By Date Observed 1997// **Date Visited** Prager, G. Researcher

Contract Number Permit Number

NWT 97-850

1997 Hope Bay Belt Project **Project Name**

NaNh-16 Borden Number NN Upper ah Lower 016 Sequence HB97-T40 Reporter Number

Site Name Errors

On sparsely vegetated gravel flats on the west side of the creek Location

NUNAVUT

From:

From:

From:

From:

WEST KITIKMEOT

13WDF E3143 N5516

65.62

which drains from the north end of Windy Lake.

NAD 27, CMC AutoCad Digitizer reading from NTS map

NAD 27, CMC AutoCad Digitizer reading from NTS map

To:

To:

To:

To:

m.

ft.

m.

ft.

65.62

Territory/Province

District

77A/3 Map Reference

Nunavut Site Owner Federal government Jurisdiction 68 06 15 N Latitude 106 38 52 W

Longitude

Method of Determination

Method of Determination

Elevation - ASL

Elevation - Relative

Method of Determination

Reference Point Site Size

40 m north-south by 10 m east-west

m.

ft

m.

ft.

largely intact Site Condition indigenous historic Site Type Class

Site Type Site Foatures

stone feature (circular)

scatter (refuse)

2001-Dec-19 12:48pm From-NUNAVUTIMPACT REVIEW BOARD +8679832594 T-097 P.032/032 F-569 te, Elders & Youth Igaluit +8679755504 Dec-19-01 09:34am 1-620 Y-12/23

From-Culture Lar

Attachment 1

Culture

inuit

Scientific Dates Occupation Dates Collections Remarks

Two squarish stone circles about 35 m apart (2 m sq. and 2 m x 1.5 m) built of fairly closely spaced round and angular rocks. One has an open side facing north and the other's open side faces south. The area is littered with historic and modern refuse, metal

and glass.

Bibliographic References

ASC ARCHIVES Ms. 4024

Research Activity By Date Observed **Date Visited** 1997// Prager, G. Researcher

Contract Number

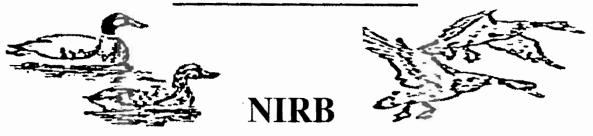
Permit Number

NWT 97-850 1997 Hope Bay Belt Project Project Name

NIRB 01WR097



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REENING DOCUMENTS

Date: Secember 14,0001
To: Rita Becker
Fax #:
NIRB File No. DWRDOZ
Total # of Pages including this page: 32
From: Gladys Joudrey
Environmental Assessment Officer
e-mail: gladys@polarnet.ca
Comments:

FOR SCREENING DOCUMENTS, PLEASE RESPOND TO NIRB'S SPECIAL FAX #: (867) 983-2574.

The document(s) accompanying this transmission contain(s) information intended for a specific individual and purpose. The information is private and legally protected by law. If you are the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reference to the contents of this telecopied information is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original to us by regular mail.

Rita Becker

From:

Gladys Joudrey <gladys@polarnet.ca> Rita Becker <rbecker@polarnet.ca>

To: Sent:

December 6, 2001 4:41 PM

Subject:

Re: NWB2HOP0002

Hi Rita,

Just waiting for a signature. Gladys

---- Original Message -----From: <u>Rita Becker</u>

To: Gladys Joudrey

Sent: Thursday, December 06, 2001 9:35 AM

Subject: NWB2HOP0002

Hi Gladys,

Hope you had a good badminton weekend.

I was just wondering how the screening is going for NWB2HOP0002? Any chance of getting it before

Wednesday (when I leave again)?

Thanks,

Rita Becker Licensing Administrator Nunavut Water Board Tel:867-360-6338 Fax:867-360-6369