

ᓄᓇᑭᑦ ᐃᑦᑎᑦᑕᓂᓄᑦᑭᑦ ᑲᑎᓕᑭᑦ/NUNAVUT IMPACT REVIEW BOARD/NUNAVUTMI KANOGILIVALIANIKOT ELITTOHAIYEOPLOTIK KATIMAYIIT

May 9, 2002

To: Rita Becker
Licensing Administrator
Nunavut Water Board
Gjoa Haven, NU

Re: Reef Evolution and Basin Development (Linda Kah)
NIRB: 02YN063 NWB: NWB2SEP


Enclosed is the completed NIRB Screening Decision Report on a water use and waste disposal permit for a research camp consisting of measuring thickness of rock strata, photographing and mapping reef structures, and removing small rock samples.

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,


Gladys Joudrey
Environmental Assessment Officer
Nunavut Impact Review Board

INTERNAL	
PC	PB
TA	
CM	
TA	
DS	
CFI	
CEO	
SPD	

Reasons for Decision:

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

- storage and disposal of equipment, fuel, garbage, sewage, and grey water, and the potential impacts of these on the ecosystem;
- the potential impact and disturbance to wildlife and wildlife habitat;
- the potential impact to terrain and archaeological sites in the area;
- clean up/restoration of the site upon abandonment; and
- community concerns

Terms and Conditions:

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

Fuel Storage

1. The Permittee 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.
2. The Permittee shall have a spill clean up kit located on site including equipment such as absorbent pads, shovels etc.
3. The Permittee shall immediately report all spills of petroleum and hazardous to the twenty-four (24) hour spill report line at (867) 920-8130.

Waste Disposal

4. The Permittee shall not discharge or deposit any refuse substances or other waste materials in any body of water, which will impair the quality of the waters of the natural environment.
5. The Permittee 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, unless otherwise authorized.
6. The Permittee shall construct a sump to contain all sewage and greywater discharged and shall ensure drainage is away from any waterbody.
7. The Permittee shall backfill and recontour all sumps to match the natural environment prior to the expiry date of the permit.
8. The Permittee shall incinerate all combustible and food wastes to eliminate the potential for wildlife problems created by the attraction of wildlife to garbage.
9. The Permittee shall ensure that all wastes generated through the course of the operation are backhauled and disposed of in an approved dumpsite.

Wildlife

10. The Permittee shall ensure that there is minimal damage or disturbance to wildlife or their habitat in conducting this operation.
11. The Permittee shall not feed wildlife.
12. The Permittee 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 of any type in water frequented by fish or in any place under any conditions where the deleterious substance may enter such a water body.
13. The Permittee shall use the latest bear detection and deterrent techniques to minimize man-bear interactions. The Permittee is strongly urged to contact the Department of Sustainable Development (DSD) wildlife officers regarding safety in polar bear country literature and training.
14. The Permittee shall not hunt or fish, unless the appropriate permits and licenses are acquired from a Renewable Resources Officer.

Environmental

15. The Permittee shall ensure that the land use area is kept clean and tidy at all times.
16. The Permittee shall locate all camps on gravel, sand or other durable land.
17. The Permittee shall not erect camps or store materials on the ice surface of lakes or streams.
18. The Permittee shall choose camping sites so that they are not in sensitive areas e.g. areas of plant growth or water logged soil, breeding areas of birds etc.
19. The Permittee shall prepare the site in such a manner as to prevent rutting of the ground surface.
20. The Permittee shall be required to undertake any corrective measures in the event of any damage to the land as a result of the Permittee's operation.

Archaeological Sites

21. 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.

Reclamation

22. The Permittee shall remove all equipment, including garbage, from the site upon abandonment.

FROM : LAND AND SEA RESOURCES LTD.

FAX NO. : 867 857 4100

May. 14 2002 08:16AM P4

2002-May-02 04:48pm From-NUNAVUT IMPACT REVIEW BOARD

+8670822504

T-028 P.000/003 F-300

Other Recommendations

1. NIRB would like to encourage the proponent to hire local people and services, to the extent possible.
2. NIRB strongly advises proponents to consult with local residents regarding their activities in the region and that the results of the research be presented to the community in the community's preferred language and to NIRB in the form of a written report.
3. The Kitikmeot Inuit Association has also requested a copy of the research results.
4. Proponents are strongly urged to negotiate in advance the amount to be compensated in the event that a defense kill of a polar bear occurs.
5. Any amendment requests deemed by NIRB to be outside the original scope of the project will be considered a new 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 conflict.

Dated May 13/02 at Arviat, NU

Elizabeth Copland
Elizabeth Copland, Chairperson



Indian and Northern
Affairs Canada

www.inac.gc.ca

Affaires indiennes
et du Nord Canada

www.ainc.gc.ca

Water Resources Division
Qimugjuk Building
P.O. Box 2200
Iqaluit, Nunavut
X0A 0H0

April 12, 2002

Rita Becker
Licence Administrator
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NT X0E 1J0

Dear Ms. Becker:

RE: Water Licence Application, Committee Bay Project

The Water Resources Division has reviewed the water licence application for the above-mentioned undertaking. Due to the scale and nature of this project, there are no water licence requirements under the NWT Waters Act. Schedule VI of the Act exempts certain activities from Licence requirements, in this case the project is exempt because the camp population will not exceed 50 people and, there is no direct or indirect deposit of waste to surface waters. In addition, the environmental impacts of this project will be addressed by the DIAND and Regional Inuit Association Land Use Permits.

Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4548 or by e-mail at johnsonmi@inac.gc.ca.

Sincerely,
Original signed by:

Michelle Johnson
Kitikmeot/Kivalliq Regional Coordinator

Canada

Your file - Votre référence

NWB2COM

Our file - Notre référence



ᐃᓕᐱᓐᓂᓐ ᓕᓄᓐ

Department of
Culture, Language, Elders & Youth

Pithohlikioni

Ministère du gouvernement
Culture Langues, Aînés et Jeunesse

April 29, 2002

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

Re: Land Use Application NIRB 02YN063 Geological Research in the Central and Western Nunavut (Linda Kah, University of Tennessee)

Due Date: **April 30, 2002**

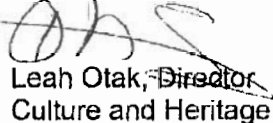
Dear Ms. Joudrey:

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, as the proponent's proposed activities do not constitute a threat to known archaeological resources.

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.

Sincerely,



Leah Otak, Director
Culture and Heritage

Department of Culture, Language, Elders and Youth



April 05 2002

David Sateana
Environmental Assessment Office Trainee
NIRB – Cambridge Bay

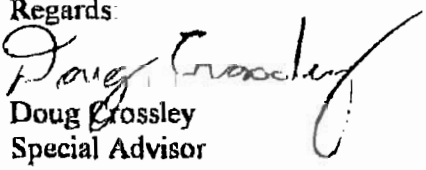
NIRB File #02YN063 – Geological Research – Western Nunavut

The only caution I might suggest with this small project is a prior approval or no indication of concern from the Hamlet of Kugluktuk and the HTO there and also with the HTO at Umingmaktok for the research work taking place near Charlie Qiyok's Outpost Camp at Parry Bay. As long as these local groups have no concern with this American team carrying out this University level of research; then from the explanation provided, I have no concerns environmentally.

Perhaps the only additional comment I have regarding this project is a follow-up report on the summer findings should be provided to the Kugluktuk community and the HTO and to the residents of the Parry Bay Outpost Camp and to Umingmaktok HTO as well.

This seems like a pretty small venture and an environmentally inert project in comparison to some of the other projects we screen.

Regards


Doug Crossley
Special Advisor

CG&T – Cambridge Bay



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Coast Guard

Garde côtière

Central & Arctic Region

Région du Centre et de l'Arctique

201 N. Front Street, Suite 703
Sarnia, Ontario
N7T 8B1

Your file Votre référence

Our file Notre référence
1675-9-9

April 8, 2002

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 # 02YN063, Geological Research in the Central and Western Nunavut, West Kitikmeort, Nunavut.

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



Canada



Environment Environnement
Canada Canada

Environmental Protection Branch
5204 - 50th Avenue
Suite 301
Yellowknife, NT X1A 1E2

April 30, 2002

Our File: 4704 001

David Sateana
Environmental Assessment Officer
Nunavut Impact Review Board
P.O. Box 2379
Cambridge Bay, NT.
X0B 0C0

Fax: (867) 983-2594

Attention: David Sateana

Re: NIRB 02YN063 - Geological Research in the Central & Western Nunavut.

On behalf of Environment Canada, I have reviewed the above noted application, NIRB# 02YN063.

Linda Kristine Kah is proposing to conduct geological research in the Central and Western regions of Nunavut. The research group, consisting of four persons will be examining the Dismal Lakes, Coppermine region and the Parry Bay Groups, Kent Peninsula over a period of approximately forty-five days. The research group will be collecting small rock samples from surface outcrops. They will also measure numerous stratigraphic sections to determine ancient reef evolution and basin development within the research areas. The tentative start date for field work is June 25, 2002. Small mobile tent camps will be established at four locations in order facilitate the research group. Food packaging wastes will be burned in a discrete fire pit, compacted, and packed out. Sewage and greywater will be buried in regions at least 100 metres from water sources.

Due to the nature of the research, Environment Canada has no concerns with the application.

Please do not hesitate to contact me at (867) 669-4744 or ron.bujold@ec.gc.ca with any questions or comments.

Yours truly,

Ron Bujold
Environmental Assessment Technician

cc: Steve Harbicht (Head, Assessment & Monitoring, EPB)
Paula Pacholek (Coordinator, A&M, RPB)

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 the project proposals, NIRB would like to hear your concerns, comments and suggestions about the following project application:

Project Title: Geological Research in the Central and Western Nunavut	
Proponent: Linda Christine Kah	
Location: West Kitikmeot	
Comments Due By: April 30, 2002	NIRB #: 02YN063

Indicate your concerns about the project proposal below:

<input checked="" type="checkbox"/> no concern	traditional uses of land
<input type="checkbox"/> water quality	Inuit harvesting activities
<input type="checkbox"/> terrain	community involvement and consultation
<input type="checkbox"/> air quality	local development in the area
<input type="checkbox"/> wildlife and their habitat	tourism in the area
<input type="checkbox"/> marine mammals and their habitat	human health issues
<input type="checkbox"/> birds and their habitat	other: _____
<input type="checkbox"/> fish and their habitat	_____
<input type="checkbox"/> heritage resources in area	_____

Please describe the concerns indicated above:

Do you have any suggestions or recommendations for this application?

Do you support the project proposal? ☒ **Yes** ☐ **No** **Any additional comments?**

environmental concerns will be addressed through DIAND
and/or RIA Land Use Permit.

Name of person commenting: Michelle Johnson **of** Water Resources
Position: Regional Coordinator **Organization:** DIAND
Signature: *Michelle Johnson* **Date:** April 12/2002

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 the project proposals, NIRB would like to hear your concerns, comments and suggestions about the following project application:

Project Title: Geological Research in the Central and Western Nunavut	
Proponent: Linda Christine Kah	
Location: West Kitikmeot	
Comments Due By: April 30, 2002	NIRB #: 02YN063

Indicate your concerns about the project proposal below:

<input checked="" type="checkbox"/> no concerns	traditional uses of land
water quality	Inuit harvesting activities
terrain	community involvement and consultation
air quality	<input checked="" type="checkbox"/> local development in the area
wildlife and their habitat	tourism in the area
marine mammals and their habitat	human health issues
birds and their habitat	other: _____
fish and their habitat	_____
heritage resources in area	_____

Please describe the concerns indicated above:

Shd obtain local community + ITO indication of
no concern. - Kugluktuk, Umingmakdok

Do you have any suggestions or recommendations for this application?

Following Report of Closure to Impacted
communities above

Do you support the project proposal? Yes ☒ No **Any additional comments?**

Name of person commenting: Doug Cravley **or** Cambridge Bay

Position: Special Advisor **Organization:** CG+T

Signature: *Doug Cravley* **Date:** April 05

Project Title: Geological Research in the Central and Western Nunavut
Proponent: Linda Christine Kah
Location: West Kitikmeot
Comments Due By: April 30, 2002 NIRB #: 02YN063

Indicate your concerns about the project proposal below:

<input checked="" type="checkbox"/> no concerns	<input type="checkbox"/> traditional uses of land
<input type="checkbox"/> water quality	<input type="checkbox"/> Inuit harvesting activities
<input type="checkbox"/> terrain	<input type="checkbox"/> community involvement and consultation
<input type="checkbox"/> air quality	<input type="checkbox"/> local development in the area
<input type="checkbox"/> wildlife and their habitat	<input type="checkbox"/> tourism in the area
<input type="checkbox"/> marine mammals and their habitat	<input type="checkbox"/> human health issues
<input type="checkbox"/> birds and their habitat	<input type="checkbox"/> other: _____
<input type="checkbox"/> fish and their habitat	_____
<input type="checkbox"/> heritage resources in area	_____

Please describe the concerns indicated above:

Do you have any suggestions or recommendations for this application?

Project report should be made available to the Kitikmeot Inuit Association.

Do you support the project proposal? Yes ☒ No ☐ Any additional comments?

Name of person commenting: Jack Kariak of Kugluktuk
Position: Land Manager Organization: Kitikmeot Inuit Association
Signature: Jack Kariak Date: Apr. 24, 2002