



Effective January 1, 2004

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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN

### WATER LICENCE APPLICATION FORM

Application for: (check one)

**New**     **Amendment**     **Renewal**     **Assignment**

**LICENCE NO:**  
(for NWB use only)

**1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE**  
**Matthew Pickard**  
**De Beers Canada Inc. – Exploration Division**  
One William Morgan Drive  
Toronto, Ontario  
M4H 1N6  
  
Phone: (416) 645-1710 \_\_\_\_\_  
Fax: (416) 423-9944 \_\_\_\_\_  
e-mail: matthew.pickard@ca.debeersgroup.com\_

**2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)**  
**De Beers Canada Inc.**  
**65 Overlea Blvd, Ste 400**  
**Toronto, Ontario**  
M4H 1P1  
  
Phone: (416) 645-1710 \_\_\_\_\_  
Fax: \_\_\_\_\_  
e-mail: \_\_\_\_\_

**3. LOCATION OF UNDERTAKING** (describe and attach a topographical map, indicating the main components of the Undertaking)

**Potential Fly Camp locations (subject to change given local conditions and community input)**

- Fly camp-A: 73° 19.0' N and 98° 54.5' W (**Prince of Wales Project**)
- Fly camp-B: 72° 20.5' N and 98° 01.5' W (**Prince of Wales Project**)
- Fly camp-A: 75°26'00" N, 89°51'00" W (**Devon Island Project**)
- Fly camp B: 76° 18.0' lat. and 92° 18.0' long. (**Devon Island Project**)
- Fly camp-A: 69°42.5' N and 94°13.0' W (**Chartrand Lake Project**)
- Fly camp-B: 69°46.5' N and 95°2.5' W (**Chartrand Lake Project**)
- Fly camp-C: 70°45'50" N and 95°16'11" W (**Chartrand Lake Project**)
- Fly Camp-D: 70°55'6" N and 92°54'15" W (**Chartrand Lake Project**)
- Fly Camp-E: 70°29'6" N and 93°18'45" W (**Chartrand Lake Project**)

**Refer to attached Map**  
**Refer to Appendix Paragraph 3- Detailed description of project**  
**Refer to Appendix Paragraph 3a**

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ NTS Map No. \_\_\_\_\_ Scale \_\_\_\_\_

**4. DESCRIPTION OF UNDERTAKING** (attach plans and drawings)

In support of exploration sampling activities, short-term, mobile fly camps will be set up. Each will be comprised of up to 10 personnel, with popup Arctic tents for sleeping and several Weatherhavens to serve as kitchen and office tents. These will be set up at selected locations on Crown land for up to 10 days each (i.e., 100 person days), as allowed under INAC's Territorial Land-Use Regulations. Each fly camp may be used for up to 15 days. Water will be used for cooking and bathing.

Water use for 1 small crew will amount to approximately 0.75m<sup>3</sup> per camp per day. Garbage and disposable waste materials will be regularly transported out for proper disposal in the closest authorised community landfill; food scraps and grease will not be deposited in greywater sumps. If water is pumped from a lake or river for cooking or bathing (temporary shower), the hose intake will be screened to prevent any entrainment of fish. Use of bottled or boxed drinks will minimise the requirement for drinking water; such supplies are typically carried in samplers' daypacks.

No lasting structures will be erected, and each fly camp will be removed completely when personnel move on to the next temporary location. Any greywater pits (cooking water or wash-water outfalls) will be depressions at least 31 m from any waterbody, and any latrine pits dug will be similarly located at least 31 m from any waterbody, and will be backfilled with shovels and treated with quick lime prior to fly camp closure.

**5. TYPE OF PRIMARY UNDERTAKING** (A supplementary questionnaire must be submitted with the application for undertakings listed in "bold")

- |   |  |
|---|--|
| <input type="checkbox"/> <b>Industrial</b>                        | <input type="checkbox"/> Agricultural  |
| <input type="checkbox"/> <b>Mining and Milling</b>                | <input type="checkbox"/> <b>Conservation</b>   |
| <input type="checkbox"/> <b>Municipal</b> (includes camps/lodges) | <input type="checkbox"/> Recreational  |
| <input type="checkbox"/> Power                                    | <input checked="" type="checkbox"/> <b>Miscellaneous</b> (includes exploration/drilling) |
|   | (describe): _____  |

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings

**6. WATER USE**

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> To obtain water                 | <input type="checkbox"/> To divert a watercourse |
| <input type="checkbox"/> To modify the bed or bank of a watercourse | <input type="checkbox"/> Flood control           |
| <input type="checkbox"/> To alter the flow of , or store, water     | <input type="checkbox"/> Other (describe): _____ |
| <input type="checkbox"/> To cross a watercourse                     |  |

**7. QUANTITY OF WATER INVOLVED** (cubic metres per day including both quantity to be used and quality to be returned to source)

750 liters per day to be used daily/camp. (0.75 cubic meters) all water will go into a gravel lined sump at least 31 meters from the high level water mark of the lake.

**8. WASTE** (for each type of waste describe: composition, quantity (cubic metres per day), methods of treatment and disposal, etc.)

- |  |                                      |                                    |
|--|--------------------------------------|------------------------------------|
| <input checked="" type="checkbox"/> Sewage | <input type="checkbox"/> pit privies | <input type="checkbox"/> Waste oil |
|--|--------------------------------------|------------------------------------|

Solid Waste back haul     Greywater Gravel lined sump  
 Hazardous                                     Sludges  
 Bulky Items/Scrap Metal     Other (describe): \_\_\_\_\_

**9. PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING** (give name, mailing address and location; attach if necessary)

**Land Use Permit**

Not applicable  
 DIAND                                     Yes     No    If no, date expected \_\_\_\_\_

Regional Inuit Association     Yes     No    If no, date expected \_\_\_\_\_ June 2006 (KIA) \_\_\_\_\_  
**QIA**

Commissioner    N/A                                     Yes     No    If no, date expected \_\_\_\_\_

**10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** (direct, indirect, cumulative impacts, etc.)

NIRB Screening                                     Yes     No    If no, date expected \_\_\_\_\_

**Not applicable**

**11. INUIT WATER RIGHTS**

Will the project or activity substantially affect the quality, quantity, or flow of water flowing through Inuit Owned Lands and the rights of Inuit under Article 20 of the Nunavut Land Claims Agreement?

No

**11. (Continued)**

If yes, has the applicant entered into an agreement with the Designated Inuit organization to pay compensation for any loss or damage that may be caused by the alteration. If no compensation agreement has been made, how will compensation be determined?

**12. CONTRACTORS AND SUB-CONTRACTORS** (name, address and functions)

**Chartrand Lake**

**Gateway Helicopters**

2621 Skead Road, Sudbury Airport  
 Box 3019  
 Sudbury, ON P3L 1V4  
 705-693-7257

**OR**

**Canadian Helicopters**

1215 Montée Pilon  
 Les Cèdres, Québec  
 Canada, J7T 1G1  
 450-452-3000

**OR**

**Great Slave Helicopters**

106 Dickens Street  
Yellowknife NT. X1A 2R3  
867-873-2081

**2. Fixed Wing**

**Kenn Borek Air Ltd.**

Resolute Bay, Nunavut, Canada  
PO Box 210  
Resolute Bay, Nunavut, Canada  
X0A 0V0  
Tel. (867) 252 3845

**OR**

**Air Tindi**

P.O. Box 1693  
Yellowknife, NT,  
Canada X1A 2P3

**Prince of Wales**

Helicopter Company – to be selected;  
Fixed-wing company – to be selected (2 people based in Resolute Bay); services from Resolute Bay  
Expediting –

**South Camp Inn**

PO Box 300  
Resolute Bay NU, Canada  
X0A 0V0  
services could be obtained from Kitikmeot; aid attendant, hired by DBC

**Devon Island**

Helicopter Company – to be selected;  
Fixed Wing company –

**Kenn Borek Air Ltd.**

Resolute Bay, Nunavut, Canada  
PO Box 210  
Resolute Bay, Nunavut, Canada  
X0A 0V0  
Tel. (867) 252 3845

Expediting –

**South Camp Inn**

PO Box 300  
Resolute Bay NU, Canada  
X0A 0V0

**13. STUDIES UNDERTAKEN TO DATE** (list and attach copies of studies, reports, research, etc.)

No studies taken to date

**14. THE FOLLOWING DOCUMENTS MUST BE INCLUDED WITH THE APPLICATION FOR THE REGULATORY PROCESS TO BEGIN**

Supplementary Questionnaire (where applicable: see section 5)  Yes  No If no, date expected

**QIA**

Inuktitut/English Summary of Project  Yes  No If no, date expected \_\_\_

Application fee \$30.00 (Payee Receiver General for Canada)  Yes  No If no, date expected will be forwarded by mail with paper copy of application

Water Use fee (see Section 9 of the *NWT Waters Regulations*; Payee Receiver General for Canada)  Yes  No If no, date expected

**15. PROPOSED TIME SCHEDULE**

Annual (or)  Multi Year

Start Date: June 25, 2006 Completion Date: October 1, 2007

Paulo Pereira Early Exploration Manager \_\_\_\_\_  
Name (Print) Title (Print) Signature Date

For Nunavut Water Board use only

APPLICATION FEE Amount: \$ \_\_\_\_\_ Pay ID No.: \_\_\_\_\_

WATER USE DEPOSIT Amount: \$ \_\_\_\_\_ Pay ID No.: \_\_\_\_\_