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NUNAVUT IMALIRIYIN KATIMAYINGI  
NUNAVUT WATER BOARD  
OFFICE DES EAUX DU NUNAVUT

## WATER LICENCE APPLICATION FORM

Application for: (check one)

☐ New
 ☒ **Renewal**
☐ Amendment
 ☐ Assignment
 ☐ Cancellation

### LICENCE NO:

(for NWB use only)

<b>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE</b>  Todd McKinlay De Beers Canada Inc. 65 Overlea Blvd., Ste 300 Toronto, Ontario M4H 1P1 _____  Phone: <u>416) 645-1710</u> Fax: <u>(416) 423-9944</u> e-mail: <u>todd.mckinlay@ca.debeersgroup.com</u> Fax: _____ e-mail: _____	<b>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</b>  <u>Licence # 2BE-PCD0607</u> <u>Same as Applicant</u>  Phone: _____ Fax: _____ e-mail: _____
<b>3. LOCATION OF UNDERTAKING</b> (describe and attach a topographical map, indicating the main components of the Undertaking) <b>Potential Fly Camp locations (subject to change given local conditions and community input)</b>  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)  Latitude: (   °   '   " N)      Longitude: (   °   '   " W) NTS Map Sheet No. _____ Scale: _____	
<b>4. DESCRIPTION OF UNDERTAKING</b> (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.

Drilling activities will be undertaken in one of two manners, the first being reverse circulation drilling which uses air compressors and does not necessitate water and the second is standard diamond drilling where water is used for lubrication. In the second option, water will be used from nearby waterbodies using small water pumps equipped with a screen to prevent entrapment of wildlife. No drill muds will be permitted to re-enter the waterbodies directly.

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

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

**6. WATER USE**

- ☒ To obtain water
 ☐ Flood control  
☐ To cross a watercourse
 ☐ To divert a watercourse  
☐ To modify the bed or bank of a watercourse
 ☐ To alter the flow of , or store, water  
☐ Other (describe):

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

- Water use**
☒ 100m<sup>3</sup>/day or less  
☐ Greater than 100m<sup>3</sup>/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)

**Water returned to source**

n/a m<sup>3</sup>/day

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

- ☒ Sewage
 ☐ Waste oil  
☒ Solid Waste
 ☒ Greywater  
☐ Hazardous
 ☐ Sludges  
☐ Bulky Items/Scrap Metal
 ☐ Other (describe):

Sewage - disposal by pit privies

Solid Waste - Back haul

Greywater - gravel lined sump at least 31 metres from the ordinary high mark of any water body

**9. OTHER PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING** (give name, mailing address and location; attach if necessary) - see attached**Land Use Permit**

DIAND ☐ Yes ☐ No If no, date expected \_\_\_\_\_

Regional Inuit Association ☒ Yes ☐ No If no, date expected \_\_\_\_\_

Commissioner ☐ 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 \_\_\_\_\_

**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

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 (Cornwallis)

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.)

None 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 \_\_\_\_\_

Inuktitut and/or Inuinnaqtun/English Summary of Project ☐ Yes ☐ No If no, date expected \_\_\_\_\_

Application fee of \$30.00 (Payee Receiver General for Canada) ☒ Yes ☐ No If no, date expected \_\_\_\_\_

Water Use fee of \$30.00 (unless otherwise indicated in Section 9 of the *NWT Waters Regulations*; Payee Receiver General for Canada)

☐ Yes ☐ No If no, date expected \_\_\_\_\_

**15. PROPOSED TIME SCHEDULE** (unless otherwise indicated, the NWB will consider the application for a five (5) year term)

☐ one year or less (or) ☐ Multi Year

Start Date: August 1, 2007 Completion Date: August 1, 2012

**Todd Mckinlay**

**Manager, Early  
Exploration**

\_\_\_\_\_  
Name (Print)

\_\_\_\_\_  
Title (Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**For Nunavut Water Board office use only**

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

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