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NUNAVUT IMALIRIYIN KATIMAYINGI
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

WATER LICENCE APPLICATION FORM Licence 2BE-BKL0607

Application for: (check one)

☐ New
 ☐ Renewal
 ☒ Amendment
 ☐ Assignment
 ☐ Cancellation

LICENCE NO:

(for NWB use only)

1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE Don Boucher De Beers Canada Inc. – Exploration Division 65 Overlea Blvd., Ste 300 Toronto, Ontario M4H 1P1 _____ Phone: 416) 645-1710 _____ Fax: (416) 423-9944 _____ e-mail: donald.boucher@ca.debeersgroup.com _____ Fax: _____ e-mail: _____	2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable) _____ Phone: _____ Fax: _____ e-mail: _____
3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking) De Beers Canada Inc. - Exploration division has 30 active permits centered ~120km southwest of the community of Baker Lake (see map attached). Localized sampling, prospecting, mapping, spectrometer surveys and ground geophysics will be conducted around high interest geophysical targets. Drilling of selected geophysical targets may follow in subsequent field seasons based on the results of data collected from previous activities. Refer to attached Map – for camp location, fuel caches and water sources Refer to attached map for drill targets Latitude: 64° 06' 40" N Longitude: 97° 52' 30" W NTS Map No. 66A/04 Scale _____	
4. DESCRIPTION OF UNDERTAKING (attach plans and drawings) In support of exploration sampling activities, a short-term, mobile fly camp will be constructed. The camp will be comprised of up to 13 personnel, with 14' x 16' canvas tents for sleeping and to serve as kitchen and office tents. These will be set up at the selected location on Crown land for up to 48 days, a Class A Permit has been applied for from INAC in accordance with the Territorial Land-Use Regulations. Water will be used for cooking and bathing. Water use for 1 small crew will amount to approximately 1.0 m3 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 the fly camp will be removed completely at the end of the field season. Any greywater pits (cooking water or wash-water outfalls) will be in 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"/> Industrial | <input type="checkbox"/> Agricultural |
| <input checked="" type="checkbox"/> Mining and Milling (includes exploration/drilling) | <input type="checkbox"/> Conservation |
| <input type="checkbox"/> Municipal (includes camps/lodges) | <input type="checkbox"/> Recreational |
| <input type="checkbox"/> Power | <input type="checkbox"/> Miscellaneous (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 quality to be returned to source)

Water use ☒ 100m³/day or less
☐ Greater than 100m³/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)
 1.0 cubic meters/day for fly camps
 20 cubic meters/day for future drilling activities

Water returned to source

n/a m³/day

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

9.

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

Sewage will be disposed of in pit privies

Grey water will be disposed of in a gravel lined sump

Bulky Items/Scrap Metal and solid waste will be back hauled to the nearest authorized landfill

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 Submitted June 2007_____

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.)see attached

NIRB Screening ☒ Yes ☐ No If no, date expected _____ Pending with DIAND Application

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)

MPH Consulting Limited – Consulting Services

133 Richmond Street West
Toronto, ON
M5H 2L3

Ookpik Aviation Inc. - Aviation

Baker Lake, NU
X0C 0A0

SK Construction Ltd.

Baker Lake, NU
X0C 0A0

Discovery Mining Services – Camp Construction

P.O. Box 2248
Yellowknife, NT
X1A 2P7

Northern Stores – Food Provisions

Baker Lake, NU
X0C 0A0

Gateway Helicopters – Helicopter Services

P.O. Box 1111
North Bay, ON
P1B 8K4

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: July 22, 2007 Completion Date: August 31, 2009

Don Boucher

**Technical Manager, Joint
Venture Projects**

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.: _____