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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**

Cumberland Resources Ltd.  
950-505 Burrard Street  
Vancouver, B.C. V7X 1M4

Phone: 604-608-2557

Fax: 604-608-2559

e-mail: info@cumberlandresources.com

**2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)**

Cumberland Resources Ltd.  
950-505 Burrard Street  
Vancouver, B.C. V7X 1M4

Phone: 604-608-2557

Fax: 604-608-2559

e-mail: info@cumberlandresources.com

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

The Meadowbank Camp is located approximately 70 km north of the Hamlet of Baker Lake, Nunavut.

Latitude: 65° 00' 75" Longitude: 96° 04' 39" NTS Map No. 66H Scale 1:250,000

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

**Mineral exploration / diamond and RC drilling / Fuel Vault Installation / Trenching / Camp Construction / Baseline environmental and archeological studies**

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

☐ Industrial

☐ Mine Development

☐ Advanced Exploration

☒ Exploratory Drilling

☐ Remote/Tourism Camps

☐ Municipal

☐ Power

☐ Other (describe):

**6. WATER USE**

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

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

Camp use (showers and cooking) 1,000 to 3,000 liters per day over 5 to 6 month period

Diamond drilling (3 drills) approximately 82,500 liters per day during the spring program (approx. 2 months)

Diamond drilling (2 drill) approximately 55,000 liters per day during the summer program (approx. 2 months)

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

- ☒ Sewage (incinerated daily)  
☒ Solid Waste (incinerated daily)  
\_\_\_ Hazardous  
☒ Bulky Items/Scrap Metal (backhauled to Baker Lake for disposal)  
☒ Other (describe): drill water, for lake holes, returned to lake after removal of cuttings in settling barrel, or deposited on land in natural sump
- ☒ Waste oil (incinerated at camp)  
☒ Greywater (Disposal in natural depression/sump)  
\_\_\_ Sludges

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

Land Use Permit KIA LUL # KVL300C184 (amendment pending)

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.)

None expected.

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 affects anticipated.

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)

Boart Longyear Inc., 403-47<sup>th</sup> St. East, Saskatoon, Sask., S7K 5H4 (Diamond drilling)  
Peter's Expediting Ltd., P.O. Box 74, Baker Lake, Nunavut, X0C 0A0 (Transportation of fuel and supplies)  
Helicopter contractor pending

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

1996 – Preliminary aquatic baseline study

1997 – Aquatic base line study

1998 – Reconnaissance survey for hydrology studies

- Aquatic baseline studies for water and sediment quality, and lower trophic level populations
- Review of wildlife literature
- Collection of traditional use information
- Reconnaissance survey for waste characterization studies

1999 – Studies were continued in hydrology, aquatic ecology, fisheries, vegetation, wildlife, ARD, and archaeology

- Continuous atmospheric monitoring and upgrading of measurements to include snowfall and thermal radiation

2000 – Collection of climatic data

2001 – Collection of climatic data

2002 – Continued collection of baseline data

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

Application fee \$30.00 (c/o of Receiver General for Canada)   X   Yes \_\_\_\_ No If no, date expected \_\_\_\_

## 15. PROPOSED TIME SCHEDULE

  X   Annual (or) \_\_\_\_ Multi Year

Start Date: March, 2003 Completion Date: October, 2003

Roger March  
Name (Print)

Senior Project Geologist  
Title (Print)

  
Signature

Feb. 11, 2003  
Date

For Nunavut Water Board use only  
APPLICATION FEE

Amount: \$ \_\_\_\_\_ Receipt No.: \_\_\_\_\_

WATER USE DEPOSIT

Amount: \$

Receipt No.: