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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.
906-595 Howe St.,
Vancouver, BC, V6C 2T5

Phone: (604) 608-2557

Fax: (604) 608-2559

e-mail: info@goldmin.com

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

Cumberland Resources Ltd.
906-595 Howe St.,
Vancouver, BC, V6C 2T5

Phone: (604) 608-2557

Fax: (604) 608-2559

e-mail: info@goldmin.com

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

Meadowbank Project is located 70 km north 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 drilling camp designated to support a maximum 35 persons.

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

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) 1,500-3,000 liters per day over 6 month period
Drilling (diamond coring) 27,500 liters per day over spring and summer season (2 months each season)

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

☒ Sewage incinerated daily ☒ Waste oil incinerated
☐ Solid Waste ☒ Greywater disposal in natural depression
☐ Hazardous ☐ Sludges
☒ Bulky Items/Scrap Metal disposal in Baker Lake dump
☒ Other (describe):_Drill water returned to lake, provided free of cuttings_

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

Land Use Permit

DIAND ☐ Yes ☐ No If no, date expected _____
Regional Inuit Association ☐ Yes ☒ No If no, date expected __March, 2000_____
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 __March, 2000__

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

Boart Longyear Inc., 403-47th St. East, Saskatoon, Sask., S7K 5H4 (Diamond drilling)
Helimax Ltd., 3650 boul. De l'Aéroport, Aéroport de Trois Rivières, Trois Rivières, Que., G9A 5E1 (Helicopter)
Peter's Expediting Ltd., P.O. Box 74, Baker Lake, Nunavut, X0C 0A0 (Transportation fuel/supplies)
Nunavut Environmental Ltd., Z-72 R.R.#1, Bowen Island, B.C., V0N 1G0 (Environmental Studies)

12. 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

13. 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 ☒ Yes ☐ No If no, date expected _____

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

14. PROPOSED TIME SCHEDULE

☒ Annual (or) ☐ Multi Year

Start Date: March, 2000 Completion Date: September, 2000

R. Brian Alexander
Name (Print)

Project Manager
Title (Print)

Signature

Date

For Nunavut Water Board use only

APPLICATION FEE Amount: \$ _____ Receipt No.:

WATER USE DEPOSIT Amount: \$ _____ Receipt No.: