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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN

WATER LICENCE APPLICATION FORM

Application for: (check one)

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

LICENCE NO: NWB2MEA
(for NWB use only)

1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE

Cumberland Resources Ltd.
906-595 Howe Street
Vancouver, B.C. V6C 2T5

Phone: 604-608-2557
Fax: 604-608-2559
e-mail: cumberland@telus.net

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

Cumberland Resources Ltd.
906-595 Howe Street
Vancouver, B.C. V6C 2T5

Phone: 604-608-2557
Fax: 604-608-2559
e-mail: cumberland@telus.net

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 / Satellite 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 ☐ **Remote/Tourism Camps**
☐ Mine Development ☐ **Municipal**
☐ Advanced Exploration ☐ Power
☒ **Exploratory Drilling** ☐ 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 (2 drills) approximately 55,000 liters per day during the spring program (approx. 2 months)

Diamond drilling (1 drill) approximately 27,500 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 (renewal pending, application sent to KIA Jan. 31, 2002)

DIAND ___ Yes ___ No If no, date expected _____

Regional Inuit Association ___ Yes ☒ No If no, date expected ___ March 2002 _____

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., 403-47th St. East, Saskatoon, Sask., S7K 5H4 (Diamond drilling)
Helimax Ltd., 3650 Boul. De l'Aéroport, Aéroport de Trois Rivières, Que., G9A 5E1 (Helicopter)
Peter's Expediting Ltd., P.O. Box 74, Baker Lake, Nunavut, X0C 0A0 (Transportation of fuel and supplies)

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

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 ☒ Yes ☐ No If no, date expected _____

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

15. PROPOSED TIME SCHEDULE

☒ Annual (or) ☐ Multi Year

Start Date: March, 2002 Completion Date: September, 2002

Roger March
Name (Print)

Senior Project Geologist
Title (Print)

Signature

Date

For Nunavut Water Board use only

APPLICATION FEE Amount: \$ _____ Receipt No.:

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

