



P.O. Box 119  
GJOA HAVEN, NU X0B 1J0  
TEL: (867) 360-6338  
FAX: (867) 360-6369

ᓄᓇᓂᓪ ᐃᓕᓕᓂᓪ ᑲᑎᓕᓂᓪ  
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>  <u>Miramar Hope Bay Ltd</u> <u>300-889 Harbourside Drive</u> <u>North Vancouver, BC V7P 3S1</u>  Phone: <u>604-985-2572</u> Fax: <u>604-980-0731</u> e-mail: <u>tmaloof@miramarmining.com</u>	<b>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</b>  <u>SAME AS APPLICANT/LICENSEE</u>  Phone: _____ Fax: _____ e-mail: _____
<b>3. LOCATION OF UNDERTAKING</b> (describe and attach a topographical map, indicating the main components of the Undertaking)  Latitude: (67°39'    " N)                      Longitude: (106°22'    " W) NTS Map Sheet No. <u>76O/9</u> Scale: _____	
<b>4. DESCRIPTION OF UNDERTAKING</b> (attach plans and drawings) This application is the renewal of existing water license NWB1BOS0106 which will enable the continuation of advanced exploration programs. The license renewal would cover continued water use and waste disposal at the Boston exploration camp.  No significant change in the current exploration activity is envisioned at this site. The exploration activity at the Boston site will continue to include prospecting, continued surface diamond and reverse circulation exploration drilling, on-site core-splitting and logging, operation of a bulk sampling crushing and sorting plant, operation of an exploration accommodation camp including use of domestic water, treatment and disposal of greywater and sewage, fuel storage, operation of a hydrocarbon contaminated soil landfarm facility, on-site solid waste disposal in a landfill, collection of further environmental baseline data, and further underground development for exploration drilling and collection of bulk ore samples for metallurgical testing that may require handling of waste material and ore to be stored on surface on the existing waste / ore pads.  MHLB is not proposing the construction of any new facilities or significant modification of the existing facilities under this application. This application is to cover renewal of the existing license under the existing conditions and requirements for a period of five additional years.	

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

☐ **Industrial**

☒ **Mining and Milling** (includes exploration/drilling)

☐ **Municipal** (includes camps/lodges)

☐ **Power**

☐ **Agricultural**

☐ **Conservation**

☐ **Recreational**

☐ **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** ☒ 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**

0 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):

LICENSE RENEWAL - PRACTICES FOR WASTE ARE CONSISTENT WITH THE CURRENT LICENSE TERMS AND CONDITION

Sewage - treated in existing RBC and then land application of treated water

Solid Waste - non-hazardous solid waste (garbage) buried in on site landfill, kitchen waste incinerated, hazardous waste shipped off site

Waste Oil - shipped off site or sent to Doris North for use in waste oil burner

**9. OTHER 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 \_\_\_\_\_

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

**10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** (direct, indirect, cumulative impacts, etc.) CONTINUATION OF CURRENT ACTIVITIES; NO SIGNIFICANT CHANGES TO OPERATING PLANS - CURRENT MONITORING PROGRAMS AS STATED IN EXISTING LICENSE SHOULD SUFFICE

NIRB Screening ☐ Yes ☒ No If no, date expected \_\_\_\_\_

<b>11.</b>	<b>INUIT WATER RIGHTS</b>	<p>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?</p> <p>NO.</p> <p>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?</p>
<b>12.</b>	<b>CONTRACTORS AND SUB-CONTRACTORS</b> (name, address and functions)	<p>Kitnuna: Cambridge Bay; contracted for winter road haulage of materials (from land based storage area) and fuel (from barges) and operation of Challenger Cats</p> <p>Discovery Mining Services: Yellowknife; expediting services</p> <p>Major Drilling: Smithers, BC; surface exploration drilling contractor</p> <p>Procon Mining: Vancouver, BC; Providing services to gain access to existing underground and development of access areas for exploration drilling</p> <p>Advanced Drilling: Vancouver, BC; underground exploration drilling contractor</p> <p>Kitkikmeot Helicopters Ltd.: Cambridge Bay; provide helicopter support as required</p>
<b>13.</b>	<b>STUDIES UNDERTAKEN TO DATE</b> (list and attach copies of studies, reports, research, etc.)	<p><b>NO STUDIES WERE UNDERTAKEN SPECIFIC TO THIS LICENSE RENEWAL. ENVIRONMENTAL BASELINE WORK HAS BEEN PERFORMED ON THE BELT SINCE 2001, BUT THESE STUDIES DO NOT AFFECT THE INTENT OF THE CURRENT LICENSE OR THIS RENEWAL APPLICATION.</b></p>
<b>14.</b>	<b>THE FOLLOWING DOCUMENTS <u>MUST</u> BE INCLUDED WITH THE APPLICATION FOR THE REGULATORY PROCESS TO BEGIN</b>	<p>Supplementary Questionnaire (where applicable: see section 5)    <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No    If no, date expected _____</p> <p>Inuktitut and/or Inuinnaqtun/English Summary of Project    <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No    If no, date expected _____</p> <p>Application fee of \$30.00 (Payee Receiver General for Canada)    <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No    If no, date expected _____</p> <p>Water Use fee of \$30.00 (unless otherwise indicated in Section 9 of the <i>NWT Waters Regulations</i>; Payee Receiver General for Canada)    <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No    If no, date expected _____</p>
<b>15.</b>	<b>PROPOSED TIME SCHEDULE</b> (unless otherwise indicated, the NWB will consider the application for a five (5) year term)	<p style="text-align: center;"> <input type="checkbox"/> one year or less    (or)    <input checked="" type="checkbox"/> Multi Year         </p> <p style="text-align: center;">Start Date: <u>January 1, 2007</u> Completion Date: <u>December 31, 2011</u></p>

Larry Connell  
Name (Print)

Manager, Environment  
Title (Print)

[Signature]  
Signature

April 26, 2007  
Date

**For Nunavut Water Board office use only**

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

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