



P.O. Box 119
GJOA HAVEN, NU X0E 1J0
TEL: (867) 360-6338
FAX: (867) 360-6369
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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN

WATER LICENCE APPLICATION FORM

Application for: (check one)

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

LICENCE NO: NWB2JAC
(for NWB use only)

1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE

Twin Mining Corp.

1250-155 University
Toronto Ontario
M5H 3B7

Phone: 416-777-0013

Fax: 416-777-0014

e-mail: info@twinmining.com

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)

See Map: Diamond drill, RC drill, and trenching program with small camp on Brodeur Peninsula

Latitude: 73 14 45 N

Longitude: 88 16 07W

NTS Map No. 58D 1 and D 8

Scale 1: 50,000

4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)

Diamond drilling program of two months with camp within 5 kilometers of main drill target. Other holes are also scheduled within approximately 25 km from the camp. Water used for domestic and drilling. Drilling water will be recycled throughout the program. Trenching at the main site is estimated at up to 1000 tonnes.

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 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)

Domestic use at approx 20 litres per day per person (total of about 300 litres per day).

Drilling use at 10,000 litres per day – effective total of 50 days. The RC rig uses minimal water.

8. WASTE (for each type of waste describe: composition, quantity, methods of treatment and disposal, etc.)
see details at end of this application

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

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 <u>N/A</u> |
| Commissioner | ☐ Yes | ☒ No | If no, date expected <u>N/A</u> |

10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES (direct, indirect, cumulative impacts, etc.)

NONE

- | | | | |
|----------------|------------------------------|--|---------------------------------|
| NIRB Screening | ☐ Yes | ☒ No | If no, date expected <u>N/A</u> |
|----------------|------------------------------|--|---------------------------------|

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

11. (Continued)

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)

NordQuest: Richard Roy 110 Curé Roy Val d'or, consulting geologist

Diamond drilling, trenching contractor and helicopter contractor still to be determined

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

See Summary report attached

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: June 2002 Completion Date: October 2002

Richard Roy Geologist 02/02/02
Name (Print) Title (Print) Signature Date

For Nunavut Water Board use only

APPLICATION FEE Amount: \$ _____ Receipt No.:

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

For Section 8:

1) Camp Sewage (blackwater)

Maximum 400 litres: Disposed in a surface hole, filled with dirt after completed

2) Camp Greywater

Maximum 200 litres per day: Disposed in a sedimentation basin then through percolation

3) Solid Waste

Maximum 10 cubic meters : Transported to Nanisivik Dump

4) Sludge

In a sedimentation basin then through percolation