



P.O. Box 119

GJOA HAVEN, NT X0E 1J0 ᓄᓇᓂᓪ ᐃᓚᓕᓚᓪᓂᓪ ᑲᑎᓚᓪᓂᓪ

TEL: (867) 360-6338

NUNAVUT WATER BOARD

FAX: (867) 360-6369

NUNAVUT IMALIRIYIN KATIMAYINGI

## EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

**Applicant: Hope Bay Joint Venture**

**Licence No: NWB2HOP0002**

(For NWB Use Only)

### ADMINISTRATIVE INFORMATION

1. Environment Manager: **Hugh R. Wilson** Tel: **604-985-2572** Fax: **604-980-0731**  
E-mail: [hwilson@miramarmining.com](mailto:hwilson@miramarmining.com); [hugh\\_r\\_wilson@hotmail.com](mailto:hugh_r_wilson@hotmail.com);  
[terrbear@powersurfr.com](mailto:terrbear@powersurfr.com)
2. Project Manager: **Adrian Fleming** Tel: **303-810-9186** Fax: **720-746-1291**  
E-mail: [AWF225@aol.com](mailto:AWF225@aol.com)
3. Does the applicant hold the necessary property rights? **YES**
4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)?  
If so, please provide letter of authorization. **NO**
5. Duration of the Project  
[ ] Annual  
[X] Multi Year:  
If Multi-Year indicate proposed schedule of on site activities  
Start: **MARCH 11, 2002** Completion: **MARCH 10, 2007**

### CAMP CLASSIFICATION

6. Type of Camp  
[ ] Mobile (self-propelled)  
[ ] Temporary  
[X] Seasonally Occupied: **Approx. between Jan 15 and September 30.**  
[X] Permanent  
[ ] Other: \_\_\_\_\_
7. What are the design population of the camp and the maximum population expected on site at one time? What will be the fluctuations in personnel?  
**Design population is up to approximately 60 personnel. Based on operational needs, the camp population could fluctuate between an estimated 30 to 60 personnel.**
8. Provide history of the site if it has been used in the past.  
**The Windy Lake camp has been operational since 1996 and has been in use each of the years 2000 and 2001 by the Hope Bay Joint Venture. This is a licence renewal application.**

## CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies. **NOT APPLICABLE – LICENCE RENEWAL APPLICATION**
10. How was the location of the camp selected? Was the site previously used? Was assistance from the Regional Inuit Association Land Manager sought? Include maps and/or aerial photographs. **NOT APPLICABLE – LICENCE RENEWAL APPLICATION.**
11. Is the camp or any aspect of the project located on:  
☐ Crown Lands Permit Number (s)/Expiry Date: \_\_\_\_\_  
☐ Commissioners Lands Permit Number (s)/Expiry Date: \_\_\_\_\_  
☒ Inuit Owned Lands Permit Number (s)/Expiry Date: **KTL399C028/ JAN.31, 2002**
12. Closest Communities (distance in km):  
**UMINGMAKTOK – APPROXIMATELY 50 KMS WEST OF WINDY CAMP**  
**BATHURST INLET- APPROXIMATELY 110 KMS SOUTH WEST OF WINDY CAMP**  
**CAMBRIDGE BAY – APPROXIMATELY 120 KMS NORTH OF WINDY CAMP**
13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?  
**LOCAL COMMUNITIES ARE AWARE OF THE PROGRAMS AT THE HOPE BAY BELT. COMMUNITY VISITS TO UMINGMAKTOK AND BATHURST INLET WERE CARRIED OUT IN AUGUST 2001. ALL COMMUNITIES AND COMMUNITY GROUPS ARE AWARE OF OUR PROGRAMS THROUGH THE REVIEW OF ANNUAL WORK PLANS SUBMITTED TO KIA. ALSO, THE RECENT RENEWAL OF THE BOSTON WATER LICENCE ALLUDED TO ADVANCED EXPLORATION ACTIVITIES THROUGHOUT THE PROJECT AREA.**
14. Will the project have impacts on traditional water use areas used by the nearby communities?  
Will the project have impacts on local fish and wildlife habitats?  
**NO – NOT APPLICABLE**

## PURPOSE OF THE CAMP

15. **XX Mining -ADVANCED EXPLORATION – SEE OTHER BELOW**  
☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.)  
(Omit questions # 16 to 21)  
**XXOther EXPLORATION CAMP\_ (Omit questions # 16 to 22)**
16. ☐ Preliminary site visit  
☐ Prospecting  
☐ Geological mapping  
☐ Geophysical survey

- ☐ Diamond drilling
- ☐ Reverse circulation drilling
- ☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- ☐ Other: \_\_\_\_\_

17. Type of deposit:

- ☐ Lead Zinc
- ☐ Diamond
- ☐ Gold
- ☐ Uranium
- ☐ Other: \_\_\_\_\_

## **DRILLING INFORMATION**

**NOT APPLICABLE**

18. Drilling Activities

- ☐ Land Based drilling
- ☐ Drilling on ice

19. Describe what will be done with drill cuttings?

20. Describe what will be done with drill water?

21. List the brand names and constituents of the drill additives to be used? Includes MSDS sheets and provide confirmation that the additives are non-toxic and biodegradable.

22. Will any core testing be done on site? Describe.

## **SPILL CONTINGENCY PLANNING**

23. Does the proponent have a spill contingency plan in place? Please include for review.  
**SPILL CONTINGENCY PLAN IS ON FILE IN THE NWB OFFICES. WILL BE UPDATED IN 2002.**

24. How many spill kits will be on site and where will they be located?

**SIX SPILL KITS STRATEGICALLY PLACED AROUND THE WINDY CAMP AREA (FUEL TANKS, AIRSTRIP, GENERATOR SHACK, GASOLINE STORAGE, SHOP AND HELICOPTER PAD)**

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.  
**DEISEL-P50; TURBO FUEL(JET B); GASOLINE AND PROPANE, MSDS SHEETS SHOULD BE ON FILE WITH NWB.**

**WATER SUPPLY AND TREATMENT**

26. Describe the location of water sources.  
**WATER IS PUMPED FROM WINDY LAKE**
27. Estimated demand (in L/day \* person):
- |  |                                 |
|--|---------------------------------|
| <input checked="" type="radio"/> Domestic Use: ~ <b>40L/day/person</b> | Water Source: <b>WINDY LAKE</b> |
| <input type="radio"/> Drilling Units: <b>N/A</b>                       | Water Source: _____             |
| <input type="radio"/> Other: <b>N/A</b>                                | Water Source: _____             |
28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? Describe:  
**NO CHANGES FROM EXISTING LICENCE. WATER IS PUMPED VIA PIPELINE ON DEMAND FROM WINDY LAKE. THE PUMP INTAKE IS SCREENED TO MEET DFO REQUIREMENTS.**
29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?  
**WATER WILL BE SAMPLED AND ANALYZED FOR TOTAL AND FEACAL COLIFORM ON A WEEKLY BASIS. ANALYSIS FOR Ph, TSS, CONDUCTIVITY AND BOD5 WILL BE DONE ON A MONTHLY BASIS**
30. Will drinking water be treated? How?  
**NO**

31. Will water be stored on site?  
**WATER IS SUPPLIED ON A DEMAND BASIS AND NOT STORED AT PRESENT. SHOULD THIS CHANGE, APPLICATIONS FOR AMENDMENT WILL BE SUBMITTED.**

## **WASTE TREATMENT AND DISPOSAL**

32. Describe the characteristics, quantities, treatment and disposal methods for:
- ☐ Camp Sewage (blackwater)  
**CAMP SEWAGE IS DISCHARGED TO A RBC ROTODISC TREATMENT PLANT WHICH HAS BEEN APPROVED BY THE NWB IN 2000.**

---

  - ☐ Camp Greywater  
**ALL GREYWATER REPORTS TO THE RBC ROTODISC MENTIONED ABOVE.**

---

  - ☐ Solid Waste  
**STORED ON SITE WITH EVENTUAL DISPOSAL INTO A SOLID WASTE DISPOSAL FACILITY ON THE BELT.**

---

  - ☐ Bulky Items/Scrap Metal  
**STORED ON SITE WITH EVENTUAL DISPOSAL INTO A SOLID WASTE DISPOSAL FACILITY ON THE BELT.**

---

  - ☐ Waste Oil/Hazardous Waste  
**WASTE OIL WILL BE DISPOSED ON IN AN ON SITE WASTE OIL BURNER INSTALLED IN SEPTEMBER 2001. ANY HAZARDOUS WASTE WOULD BE BACKHAULED TO AN APPROVED SITE ON AN AS NEEDED BASIS.**

---

  - ☐ Empty Barrels/Fuel Drums  
**EITHER BACKHAULED FOR CREDIT OR WASHED, CRUSHED AND DISPOSED OF IN THE SOLID WASTE DISPOSAL AREA.**

---

  - ☐ Other:

---
33. Please describe incineration system if used on site. What types of wastes will be incinerated?  
**DIESEL FIRED INCINERATOR MANUFACTURED BY "WESTLAND". ALL KITCHEN WASTE AND COMBUSTIBLE MATERIAL IS PLACED IN THE INCINERATOR FOR DISPOSAL.**
34. Where and how will non-combustible waste be disposed of ? If in a municipality in Nunavut, has authorization been granted? **TO BE DISPOSED OF INTO THE ON SITE SOLID WASTE DISPOSAL AREA.**

35. Describe location (relative to water bodies and camp facilities ) dimensions and volume, and freeboard for sumps (if applicable).  
**NOT APPLICABLE**
36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?  
**NOT APPLICABLE**

## **OPERATION AND MAINTENANCE**

37. Have the water supply and waste treatment and disposal methods been used and proven in cold climate? What known O&M problems may occur? What contingency plans are in place?  
**ALL METHODS HAVE BEEN IN PLACE FOR A NUMBER OF YEARS AND AS THIS IS A LICENCE RENEWAL, THERE ARE NO PROBLEMS EXPECTED WITH THE EXISTING INFRASTRUCTURE.**

## **ABANDONMENT AND RESTORATION**

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.  
**SHOULD BE ON FILE WITH NWB. THE REVISED A&R PLAN WAS SUBMITTED AS PART OF THE BOSTON WATER LICENCE RENEWAL APPLICATION, JUST RECENTLY COMPLETED.**

## **BASELINE DATA**

**NO BASELINE INFORMATION WILL BE COLLECTED AS A DIRECT REQUIREMENT OF THIS WATER LICENCE, HOWEVER; CONSIDERABLE BASELINE INFORMATION HAS BEEN COLLECTED OVER THE LAST 7 OR SO YEARS AND AS SUCH WILL BE USED IN PREPARING FUTURE ENVIRONMENTAL ASSESSMENT DOCUMENTS ONCE THE PROJECT REACHES A PRODUCTION DECISION. THE NWB HAS NUMEROUS REPORTS ON FILE AND IT IS NOT INTENDED TO RESUBMIT THIS AT THIS TIME.**

39. Has or will any baseline information be collected as part of this project? Provide bibliography.
- ☐ Physical Environment (Landscape and Terrain, Air, Water, etc.)
  - ☐ Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic Organisms, etc.)
  - ☐ Socio-Economic Environment (Archaeology, Land and Resources Use, Demographics, Social and Culture Patterns, etc.)
  - ☐ Other:

## **REGULATORY INFORMATION**

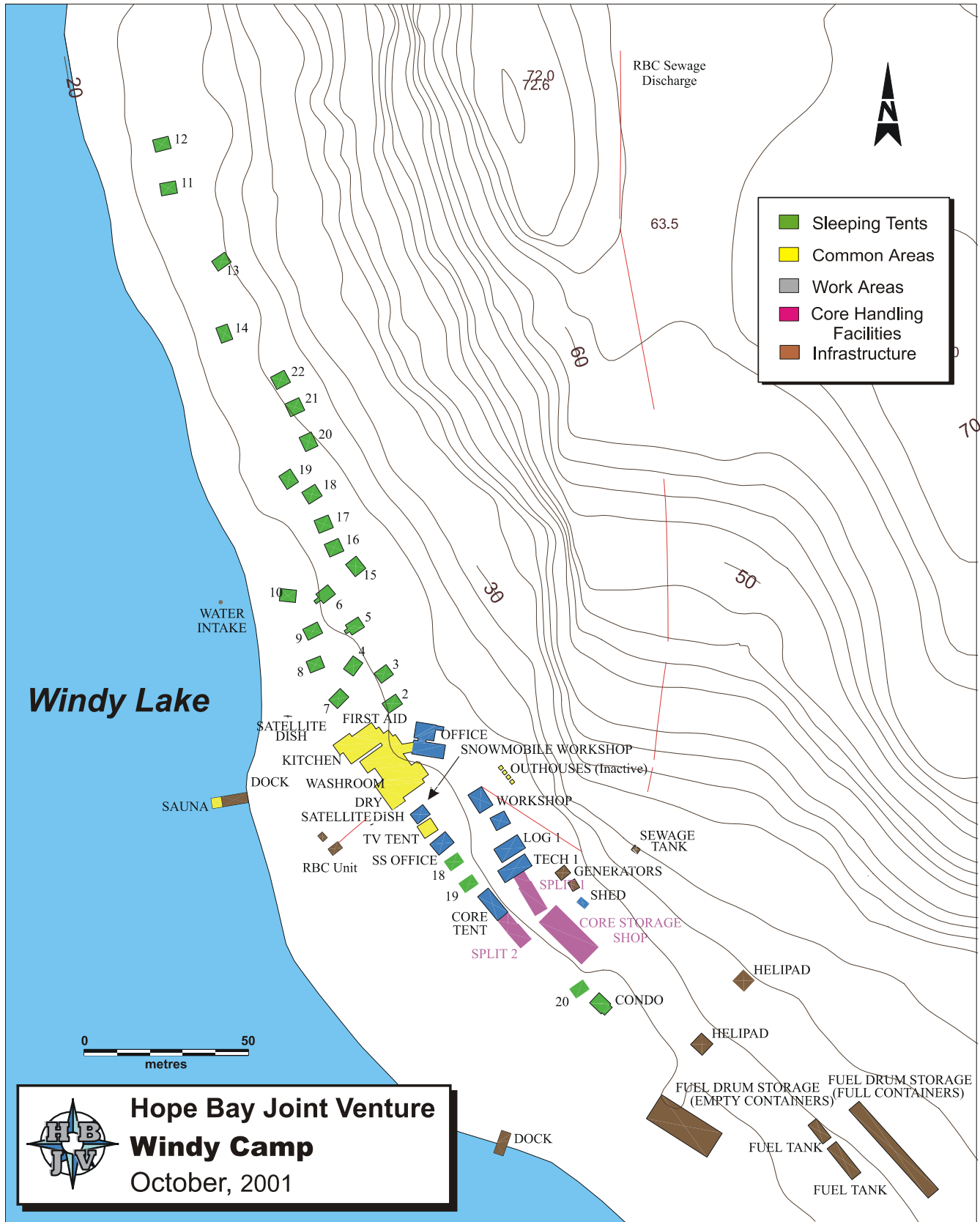
**THE HBJV HAS ACCESS TO ALL THE LIST BELOW AND WILL REFER TO THEM ON AN AS NEEDED BASIS.**

40. Do you have a copy of
- ☐ Article 13 - Nunavut Land Claims Agreement
  - ☐ NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide

for Applicants

- NWB - Interim Rules of Practice and Procedure for Public Hearings
- NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
- NWTWB - Guidelines for Contingency Planning
- DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- Fisheries Act - s.35
- RWED - Environment Protection- Spill Contingency Regulations
- Canadian Drinking Water Quality Guidelines
- Public Health Act Camp Sanitation Regulations
- Public Health Act Water Supply Regulations
- Territorial Land Use Act and Regulations

You should consult the above document, guidelines, and legislation for compliance with existing regulatory requirements.







WINDY LAKE CAMP SITE – SEPTEMBER 2001.