



General Water Licence Application
(Application for a new Water Licence)

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Month/Day/Year

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NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

DOCUMENT MANAGEMENT

Original Document Date: April 2010

DOCUMENT AMENDMENTS

| | Description | Date |
|------|--|-----------|
| (1) | Updated for public distribution as separate document from NWB Guide 4 | June 2010 |
| (2) | Updated NWB logos and reformatted table to allow rows to break across page | May 2011 |
| (3) | | |
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GENERAL WATER LICENCE APPLICATION (APPLICATION FOR NEW WATER LICENCE)

The applicant is referred to the NWB's Guide 4: Guide to Completing and Submitting a Water Licence Application for a New Licence for more information about this application form.

| | |
|--|--|
| LICENCE NO: (for NWB use only) | |
| 1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION (name, address) Michael Carr Bitterroot Resources Ltd. Suite 206-B, 1571 Bellevue Avenue West Vancouver, BC V7V 1A6 Phone: 604 922 1351 Fax: 604 922 8049 e-mail: mscarr@telus.net | 2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address) Denise Lockett Phone: 604 340 4756 Fax: _____ e-mail: lockettda@telus.net (authorization letter attached.) |
| 3. NAME OF PROJECT (including the name of the project location) Windy Project, comprising the KK1 – KK40 mining claims. | |
| 4. LOCATION OF UNDERTAKING Project Extents NW: Latitude: (60° 39 ' N) Longitude: (100 ° 48' W) NE: Latitude: (60 ° 39 'N) Longitude: (100 ° 02 ' W) SE: Latitude: (60° 24 ' N) Longitude: (100 ° 02' W) SW: Latitude: (60° 24 'N) Longitude: (100 ° 48 ' W) Camp Location(s) To be determined, near area of mineral discoveries (on shore of float plane accessible lake.) Coordinates below are for one proposed, promising looking site at the north end of Windy Lake. Latitude: (60 ° 32 ' 20 " N) Longitude: (100 ° 08 ' 10 " W) | |
| 5. MAP - Attach a topographical map, indicating the main components of the undertaking. | |

NTS Map Sheet No.: 65C (07,08,09,10)
Numbers Map Scale: 1:170,000

Map Name: Windy Property – Claim Names and Tenure

6. NATURE OF INTEREST IN THE LAND - Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

Sub-surface

☐ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)

Date (expected date) of issuance: _____ Date of expiry: _____

☐ Mineral Lease from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: _____ Date of expiry: _____

Surface

X Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: March 2012 Date of expiry: 2 years

☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)

Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Kivalliq Inuit Association (KivIA)

Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Qikiqtani Inuit Association (QIA)

Date (expected date) of issuance: _____ Date of expiry: _____

☐ Commissioner's Land Use Authorization

Date (expected date) of issuance: _____ Date of expiry: _____

☐ Other: _____

Date (expected date) of issuance: _____ Date of expiry: _____

Name of entity(s) holding authorizations:

_____ Bitterroot Resources Ltd.

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Indicate the land use planning area in which the project is located.

☐ North Baffin

☐ South Baffin

☐ Akunnig

X Keewatin

☐ Sanikiluaq

☐ West Kitikmeot

Is a land use plan conformity determination required?

X Yes

☐ No

If Yes, indicate date issued and attach copy ***_(have applied for)_***

If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Is an Article 12 Part 4 screening determination required?

☒ Yes

☐ No

If Yes, indicate date issued and attach copy ____ ***have applied for***

If No, provide written confirmation from NIRB confirming that a screening determination is not required.

9. DESCRIPTION OF UNDERTAKING – List and attach plans and drawings or project proposal.

Early stage gold exploration initially based out of Treeline Lodge on Nueltin Lake in Northern Manitoba. See attached non-technical summary for more details.

10. OPTIONS – Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.

No alternatives for grass roots mineral exploration have been considered.

11. CLASSIFICATION OF PRIMARY UNDERTAKING - Indicate the primary classification of undertaking by checking one of the following boxes.

☐ Industrial

☐ Agricultural

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

☐ Conservation

☐ Municipal (includes camps/lodges)

☐ Recreational

☐ Power

☐ Miscellaneous (describe below):

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings.

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be submitted with a New Water Licence Application. Indicate which SIG(s) are applicable to your application.

☐ Hydrostatic Testing

☐ Tannery

☐ Tourist / Remote Camp

☐ Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil

☐ Onshore Oil and Gas Exploration Drilling

☒ **Mineral Exploration / Remote Camp**

☐ Advanced Exploration

☐ Mine Development

☐ Municipal

☐ General Water Works

☐ Power

12. WATER USE - Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.

☐ To obtain water for camp/ municipal purposes

☒ To obtain water for industrial purposes

☐ To divert a watercourse

| | |
|---|---|
| <input type="checkbox"/> To cross a watercourse <input type="checkbox"/> To alter the flow of, or store water <input type="checkbox"/> Other: _____ | <input type="checkbox"/> To modify the bed or bank of a watercourse <input type="checkbox"/> Flood control |
|---|---|

13. QUANTITY AND QUALITY OF WATER INVOLVED - For each type of water use indicated in Block 12, provide the source of water, the quality of the water source and available capacity, the estimated quantity to be used in cubic meters per day, method of extraction, as well as the quantities and qualities of water to be returned to source.

Name of water source(s) (show location(s) on map):

Large number of unnamed lakes, in addition to Windy Lake and Hogarth Lake.

Describe the quality of the water source(s) and the available capacity:

Good quality water with abundant capacity available from large and small lake on the property.

If the first phase of exploration (based at Treeline Lodge in MB) is successful, and a camp is required to be constructed to support a drilling crew;

Potable water for camp purposes will be sourced from a lake or stream near the camp site (location of the camp is yet to be determined).

Water for drill purposes will be sourced from lakes or streams near the drill sites (drill site locations are also yet to be determined).

Provide the overall estimated quantity of water to be used: **less than 50m³/day**

Provide the estimated quantity(s) of water to be used from each source:

Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.)

Approximately two (2) m³/day for camp use, 20 to 40 m³/day when or if drilling is underway.

Describe the method of extraction(s): **hose with diesel powered pump.**

Estimated quantity(s) of water returned to source(s) _____ **none** _____ m³/day

Describe the quality of water(s) returned to source(s): **used water will be directed into sumps in the natural soil.**

14. WASTE – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

| | |
|--|--|
| X Sewage X Solid Waste <input type="checkbox"/> Hazardous X Bulky Items/Scrap Metal <input type="checkbox"/> Animal Waste <input type="checkbox"/> Other (describe): _____ | X Waste oil X Greywater Sludges <input type="checkbox"/> Contaminated soil and/or water |
|--|--|

QUANTITY AND QUALITY OF WASTE INVOLVED – For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.

| Type of Waste | Composition | Quantity Generated | Treatment Method | Disposal Method |
|------------------|--------------------------------------|--|----------------------|---|
| Waste oil | Motor oil | Approx 40 litres/month | n/a | Backhaul for disposal |
| Grey water | Showers/kitchen | 2 m ³ /day | Sump | Sump. |
| sewage | Human waste | 10 litres day | Latrine pit. | Cover with lime and organic material. |
| Solid waste | Burnable and non burnable camp waste | Burnable = 10 kg/day Non-burnable = 10 kg/day | Burn backhaul | Incinerate or backhaul for disposal in licensed facility. |
| Scrap metal etc. | Metal drilling equipment | 10 kg / day during drilling | Backhaul | Backhaul for disposal in a licenced landfill. |

15. OTHER AUTHORIZATIONS – In addition to the sub-surface and surface land use authorizations provided in Block 6, indicate any other authorizations required in relation to the proposed undertaking. For each provide the following:

Authorization: _____

Administering Agency: _____

Project Activity: _____

Date (expected date) of issuance: _____ Date of expiry: _____

16. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES - Describe direct, indirect, and cumulative impacts related to water and waste.

Environmental impacts are expected to be minimal. The exploration crew will initially be housed at Treeline Lodge on Nueltin Lake in northern Manitoba. If the early stage exploration results are favorable, a camp accommodating up to 20 persons would be built on Crown land to support future drilling programs. The location of this camp will be determined at a later date, based on several factors, including float plane access and the location of mineralized zones. The attached map shows a proposed (speculative) camp location at the north end of Windy Lake. Based on analysis of 1:50,000 scale topographic maps, there appear to be hundreds of other possible camp sites on the many large and small lakes on the Windy Property.

Mandated wildlife and caribou protection measures will be strictly adhered to.

17. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER

Provide the names, addresses and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licences for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners

of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.

**Mr. Gary Gurke, Owner, or
Ms. Barb Schultz, Office Manager
Nueltin Fly-in Lodges Ltd.
PO Box 500
Alonsa, MB R0H 0A0
Tel: 800 361 7177**

Advise the Board if compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.

No compensation has been paid. Nueltin Fly-in Lodges has verbally agreed to provide room and board and logistical support at market rates, using facilities at their airstrip on Nueltin Lake in Manitoba.

18. INUIT WATER RIGHTS

Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL), and advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO).

Not known at this time.

19. CONSULTATION – Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns.

Letters have been sent to the communities of Arviat in the NU, Lac Brochet and Tadoule Lake in Manitoba to request opportunities for consultation. Consultation is expected to be carried out prior to exploration.

20. SECURITY INFORMATION

Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults. The estimate must also include contingency factors appropriate to the particular work to be undertaken.

Estimated reclamation cost:

Phase 1: based at Treeline Lodge in MB, summer 2012 = \$0.00

Phase 2: if camp is built to support drilling, spring 2013 or later = \$50,000.

Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the *Mine Site Reclamation Policy for Nunavut*, Indian and Northern Affairs Canada, 2002.

21. FINANCIAL INFORMATION

Provide a statement of financial responsibility.

See attached financial statements.

If the applicant is a business entity, provide a list of the officers of the company.

President and CEO = Michael Carr

CFO = Barney Magnusson

Secretary = Terence Ortslan

If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

See attached certificate of Incorporation.

22. STUDIES UNDERTAKEN TO DATE - List and attach copies of studies, reports, research, etc.

No studies have been undertaken to date.

23. PROPOSED TIME SCHEDULE – Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).

Construction

Proposed Start Date: _____ Proposed Completion Date: _____
(month/year) (month/year)

Operation:

First phase – proposed start Date July 2012. Proposed Completion Date: September 2012.
Second phase – subject to favorable Phase 1 results: intermittently from September 2012 to March 2017

Closure

Proposed Start Date: _____ Proposed Completion Date: _____
(month/year) (month/year)

Post - Closure

Proposed Start Date: _____ Proposed Completion Date: _____
(month/year) (month/year)

For each applicable phase of development indicate which season(s) activities occur.

Construction

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

Operation

☐ Winter ☒ Spring ☒ Summer ☒ Fall ☐ All season

Closure

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

Post - Closure

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

24. PROPOSED TERM OF LICENCE

Number of years (maximum of 25 years): 5 years

Requested Date of Issuance: Requested Expiry Date:
(month/year) (month/year)

(The requested date of issuance must be at least three (3) months from the date of application for a type B water licence and at least one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's *Guide 5: Processing Water Licence Applications* for more information)

25. ANNUAL REPORTING – If not using the NWB's *Standardized Form for Annual Reporting*, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

26. CHECKLIST – The following must be included with the application for the water licensing process to begin.

Written confirmation from the NPC confirming that NPC's requirements regarding land use plan conformity have been addressed.

☐ Yes ☒ No If no, date expected February 2012

Written confirmation from the NIRB confirming that NIRB's requirements regarding development impact assessment have been addressed.

☐ Yes ☒ No If no, date expected February 2012

Completed General Water Licence Application form.

X Yes ☐ No If no, date expected _____

Information addressing Supplemental Information Guideline (SIG) , where applicable (see Block 11)

X Yes ☐ No If no, date expected _____

English Summary of Application.

X Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Application.

X Yes ☐ No If no, date expected _____

Application Fee of \$30.00 CDN (Payee Receiver General for Canada).

X Yes ☐ No If no, date expected _____

Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.

☐ Yes ☐ No If no, date expected _____

27. SIGNATURE

| Name (Print) | Title (Print) | Signature | Date |
|--------------|---------------|-----------|------|
|--------------|---------------|-----------|------|