



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

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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) | Update NWB logo | April 2013 |
| (4) | | |
| (5) | | |
| (6) | | |
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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) Bathurst Metals Corp. 700 - 1199 West Hastings Street Vancouver BC V6E 2T5 Hardy Forsley, CEO Phone: <u>+1 (604) 783-4273</u> Fax: _____ e-mail: <u>info@bathurstmetalscorp.com</u> | 2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address) Rae-co Consulting Ltd Greg Bronson, P.Geo. 3022 Royal Ave, N.Van. BC V7K 1Y5 Phone: <u>+1 (604) 785-8894</u> Fax: _____ e-mail: <u>grbronson@gmail.com</u> (Greg Bronson is a director of Bathurst Metals Corp) |
| 3. NAME OF PROJECT (including the name of the project location) TTMG Project | |
| 4. LOCATION OF UNDERTAKING Project Extents NW: Latitude: (67° 25' 19.2" N) Longitude: (-109° 30' 28.8" W) UTM Zone 12 563926E, 7479214N NE: Latitude: (67° 28' 8.4 " N) Longitude: (-108° 57' 25.2" W) UTM Zone 12 587364E, 7485106N SE: Latitude: (67° 7 ' 48 " N) Longitude: (-108° 45 ' 18" W) UTM Zone 12 597329E, 7447618N SW: Latitude: (67° 4' 48 " N) Longitude: (-109° 18' 28.8 " W) UTM Zone 12 573535E, 7441335N Camp Location(s) – Bathurst Inlet Lodge Latitude: (66° 50' 24 " N) Longitude: (-108° 1' 58.8" W) | |
| 5. MAP - Attach a topographical map, indicating the main components of the undertaking. NTS Map Sheet No.: 076N03 Map Name: Unnamed Map Scale: 1:50,000 NTS Map Sheet No.: 076N02 Map Name: Wilberforce Falls Map Scale: 1:50,000 NTS Map Sheet No.: 076N Map Name: Arctic Sound Map Scale: 1:250,000 | |

- 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

☐ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

☒ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA) [Lic. No. KTL121B003](#)
Date (expected date) of issuance: July 27, 2021 Date of expiry: July 26, 2023

☐ 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: Mineral Claims held by Bathurst Metals Corp.

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

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

| | |
|---------------------------------------|--|
| <input type="checkbox"/> North Baffin | <input type="checkbox"/> Keewatin |
| <input type="checkbox"/> South Baffin | <input type="checkbox"/> Sanikiluaq |
| <input type="checkbox"/> Akunnig | <input checked="" type="checkbox"/> West Kitikmeot |

Is a land use plan conformity determination required?

☐ Yes ☒ No

If Yes, indicate date issued and attach copy _____

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 NIRB determination expected by April 15, 2022
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.
See project description attached

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

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

☐ To cross a watercourse

☐ To modify the bed or bank of a watercourse

☐ To alter the flow of, or store water

☐ Flood control

☐ Other:

- 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):

Surface water bodies, small ponds in low lying areas, local surface drainage flows

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

Surface water: fresh water from precipitation, capacity >30m³/d.

Provide the overall estimated quantity of water to be used: 30m³/d m³/day

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

Up to four unique water sources will be used ~ 375m³/source

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

Drilling will require a maximum of 1500m³ per year

Describe the method of extraction(s): Gas powered water pump

Estimated quantity(s) of water returned to source(s) nil m³/day

Describe the quality of water(s) returned to source(s): Water will be ponded in low lying areas adjacent the drill rig. No water will be returned to source.

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

☒ Sewage

☒ Solid Waste

☒ Hazardous

☐ Bulky Items/Scrap Metal

☐ Animal Waste

☐ Other (describe):

☒ Waste oil

☐ Greywater

☒ Sludges

☐ Contaminated soil and/or water

- 15. 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 |
|---------------|-------------------------|--------------------|---|----------------------------------|
| Sewage | Human Waste | 50Kg | Hydrated Lime | Treated waste is buried on site |
| Solid Waste | Bags, pails, containers | 100Kg | Removed from site | Incinerated at BIL* |
| Hazardous | Used oils, lubes, etc | 50Kg | Removed from site | Backhauled to YK Hazmat facility |
| Sludges | Drill cuttings | 500Kg | Placed into natural depressions/ hand dug sumps | Non-Toxic: Left in place |
| | | | | |

* BIL - Bathurst Inlet Lodge

16. 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: Inuit Owned Land Used Licence No. KTL121B003

Administering Agency: Kitikmeot Inuit Association

Project Activity: Staking, Prospecting, Geological Mapping and Sampling

Date (expected date) of issuance: July 27, 2021 Date of expiry: July 26, 2023

17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES - Describe direct, indirect, and cumulative impacts related to water and waste. Drilling fluid disposal - fluids ponded in natural depressions or hand dug pits. Fuel storage - on site fuel containment used - risk of spills. Sewage - use hand dug outhouse pits - treat pits with hydrated lime and backfill upon closure.

18. 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.

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

19. 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).

20. 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.

21. 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.

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.

22. FINANCIAL INFORMATION

Provide a statement of financial responsibility.

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

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

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

24. 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

Proposed Start Date: July 2022 Proposed Completion Date: Sept 2026
(month/year) (month/year)

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

25. PROPOSED TERM OF LICENCE

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

Requested Date of Issuance: June/2022 Requested Expiry Date: Sept/2026
(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)

26. 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.

27. 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 _____

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

☐ Yes ☒ No If no, date expected _____

Completed General Water Licence Application form.

☒ Yes ☐ No If no, date expected _____

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

☐ Yes ☐ No If no, date expected _____

English Summary of Application.

☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Application.

☒ Yes ☐ No If no, date expected _____

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

☒ 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 _____

28. SIGNATURE

Greg Bronson

Director - Bathurst
Minerals Corp.



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DN:
c=ca, o=55a7c5d-89d2-457e-9676-1b4eed4
8e9f6
Date: 2022.03.21 14:18:12 -0700

March 18, 2022

Name (Print)

Title (Print)

Signature

Date