

### APPLICATION FOR WATER USE LICENCE

I/We hereby apply to the Minister of Environment and Conservation to obtain a Water Use Licence under the *Water Resources Act* for utilizing water from within the jurisdiction of the Province. I/We understand that the Minister may request additional information in order to evaluate this application:

INFORMATION ABOUT APPLICANT		
1.	Full Name of Applicant (Type or Print)	File Number
2.	Mailing Address	
	Phone Number	Fax Number
	E-mail	
3.	Status of Applicant (person, corporation, partnership, sole proprietor, municipality, other (Specify)) and address, phone and fax of the contact person regarding this application.	
4.	Are you presently a holder of valid Water Use Licence? If "Yes", provide Licence number _____	Yes <input type="checkbox"/> No <input type="checkbox"/>
5.	Suggested duration of Licence _____ in days, months or years (The Minister reserves the right to specify the duration)	
INFORMATION ABOUT PROJECT, DEVELOPMENT OR ACTIVITY		
1.	Name and a brief description of the project, development or activity (If necessary, attach additional information as Exhibit "1").	
2.	Name of the proposed water resource(s) _____ Nearest town _____ Location of water resource in latitude and longitude ____° ____' ____" (Lat) ____° ____' ____" (Long) provide 1:50,000 NTS scale map and/or engineering drawings showing exact location of water use or diversion and general layout of all facilities and infrastructure as Exhibit "2". For lakes, ponds, streams, rivers, or brooks, delineate watershed boundaries on <b>1:50,000 NTS scale map showing exact location of water use or diversion (must be included)</b> . For icebergs, state proposed shoreline(s) and area(s) for harvesting	
3.	Is this project? New <input type="checkbox"/> Existing <input type="checkbox"/> If existing, provide details on water use or diversion as Exhibit "B3".	
4.	Tenure to land Crown <input type="checkbox"/> Private <input type="checkbox"/> Other <input type="checkbox"/> Specify: _____	
5.	Purpose of water use or diversion. Domestic <input type="checkbox"/> Municipal <input type="checkbox"/> Agricultural <input type="checkbox"/> Commercial, institutional and Industrial <input type="checkbox"/> (specify) _____ Water and thermal power generation <input type="checkbox"/> Other purposes (specify) <input type="checkbox"/> _____	
I/We acknowledge that the information contained in this application is true and correct.		
Dated _____ 20____ at _____, Newfoundland and Labrador		
Signature of Applicant or Agent _____ Full Name & Title of Applicant or Agent _____		

**NOTE TO ALL APPLICANTS:** Please ensure that you sign and date the application (corporations must affix seal). **Provide the information requested on the application form as precisely as possible. Attach Appendix A, B or C that pertains to the intended water use or diversion, any additional material, exhibits, and applicable fees as stated in Schedule 1.** All material should be typed; **illegible applications can not be accepted for filing. Filing an application does not constitute any form of a priority of water use allocation or granting of water rights as required under the *Water Resources Act* unless a Water Use Licence is granted by the Minister.** For any information related to this application, call Water Rights Manager at (709) 729-4795. Mail to Water Rights Section, Water Resources Management Division, PO Box 8700, St. John's NL A1B 4J6

**APPLICATION FOR WATER USE LICENCE - APPENDIX A**

**For Domestic, Municipal, Agricultural, Commercial, Institutional, Industrial and Other Purposes - Complete Appendix A Only**

**Notes to Applicants:**

1. For Water Bottling - Go to Appendix B.
2. For Water and Thermal Power Generation Go to Appendix C.

**INFORMATION ABOUT WATER USE OR DIVERSION**

A1. If new work/system/structure is required for water use or diversion, have you applied for a permit to alter under Section 48 of the *Water Resources Act*? Yes  No  Has the permit been issued? Yes  No   
If yes, provide the permit number? \_\_\_\_\_

A2. Will this project or activity be located in a protected public water supply area? Yes  No   
If yes, please provide the name of the protected public water supply area? \_\_\_\_\_

A3. For all water as defined in the *Water Resources Act* and municipal water supply systems within the jurisdiction of the Province, describe the annual plan of water use or diversion as precisely as possible. Specify the total volume for the requested water per year. Also specify the water use or diversion schedule on a monthly, weekly, and/or daily basis (if necessary, attach additional information as Exhibit "A1").

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A4. What is the basin drainage area above the point of water use or diversion? \_\_\_\_\_

A5. What is the mean annual discharge at the point of water use or diversion? \_\_\_\_\_

A6. What are the estimated 2-year 7-day low flows and the estimated 10-year 7-day low flows at the point of water use or diversion? (If available) \_\_\_\_\_ (If necessary, attach additional information as Exhibit "A2").

A7. Provide a complete list of names of all users of the water resource who may be affected by this water use or diversion. Provide the list and your plan to accommodate affected users as Exhibit "A3". Provide a "no objection" letter from the concerned municipality if required as Exhibit "A3".

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**APPLICATION FOR WATER USE LICENCE - APPENDIX C**  
**For Water and Thermal Power Generation - Complete Appendix C Only**

**INFORMATION ABOUT WATER USE OR DIVERSION**

C1. If new work/system/structure is required for water use or diversion, have you applied for a permit to alter under Section 48 the *Water Resources Act*? Yes  No  Has the permit(s) been issued? Yes  No   
If yes, provide the permit(s) number(s)? \_\_\_\_\_

For the purpose of a Water Use Licence (provide a tentative list of all the development features and components (e.g. full supply level, low supply level, dam type, spillway, crest levels, ... etc.))

C2. Will this project or activity be located in a protected public water supply area? Yes  No   
If yes, please provide the name of the protected public water supply area? \_\_\_\_\_

C3. Describe the annual plan of water use or diversion as precisely as possible (Provide analysis). Specify the total volume for the requested water per year. Also specify the water use or diversion schedule on a monthly, weekly, and/or daily basis (if necessary, attach additional information as Exhibit "C1").

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C4. What is the basin drainage area above the point of water use or diversion? \_\_\_\_\_

C5. What is the mean annual discharge at the point of water use or diversion? \_\_\_\_\_

C6. Is the development a "run-of-river" development? \_\_\_\_\_ Yes  No   
["A run-of-river" development means a development with little or no storage such that the power output varies with stream flow]  
["A run-of-river plant" means a development with little or no storage such that the power output varies with streamflow.]

C7. What are the estimated 2-year 7-day low flows and the estimated 10-year 7-day low flows at the point of water use or diversion? \_\_\_\_\_ (If necessary, attach additional information as Exhibit "C2").

C8. Append a flow duration curve for the river at the point of use, with the required flow clearly marked on it as Exhibit "C3".

**ADDITIONAL INFORMATION ON NEW RESERVOIR(S)**

C9. Append an elevation-capacity curve and tabulation of reservoir pool elevation & corresponding storage capacities as Exhibit "C4".

C10. For reservoirs over 1,000,000 m<sup>3</sup> in volume, provide a description of the dead storage, power storage, flood storage and the total storage capacity of the reservoir. Identify by reservoir elevations in reference to mean sea-level datum, the portion of the reservoir volume assigned to each of its respective storage functions. Also, indicate the boundary at the full supply level on 1:50,000 scale map provided in Exhibit "2". As well as the area at full supply level \_\_\_\_\_

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**APPLICATION FOR WATER USE LICENCE - APPENDIX C (CONTINUED)  
For Water and Thermal Power Generation**

**ADDITIONAL INFORMATION ON NEW RESERVOIR(S) - CONTINUED**

- C11. Provide a description of proposed rule curve and quantities of releases. Also describe the critical period and the amount of water that would be released from the reservoir. (If necessary, attach additional information) \_\_\_\_\_  
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- C12. Describe any changes in flooding that might be reasonably expected as a result of the construction and operation of the reservoir. (If necessary, attach additional information) \_\_\_\_\_  
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- C13. Provide a complete list of names of all users of the water resource who may be affected by this water use or diversion. Provide the list and your plan to accommodate affected users as Exhibit "C5". Provide a no objection letter from the concerned municipality (if required as Exhibit "C6"). \_\_\_\_\_  
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**OTHER INFORMATION ON NEW OR EXISTING DEVELOPMENT**

- C14. Provide total installed generation capacity of the plant expressed in MW: \_\_\_\_\_
- C15. What is the expected average annual electricity production in MW-hour? \_\_\_\_\_
- C16. Will the power/energy generated be used solely by the Applicant or sold? (provide name of buyer) \_\_\_\_\_
- C17. Will the operation of the development (hydrologically) affect any other existing water power development(s)?  
 Yes  No
- If yes, which? \_\_\_\_\_  
 Owned by? \_\_\_\_\_  
 and how? \_\_\_\_\_
- C18. If this water power development doesn't require registration under the *Environmental Protection Act*, then provide an analysis of the environmental impacts of the operation of the water power generation development, stating how adverse effects can be mitigated. (If necessary, attach additional information) \_\_\_\_\_  
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**APPLICATION FOR WATER USE LICENCE - APPENDIX C (CONTINUED)**  
**For Water and Thermal Power Generation**

**OTHER INFORMATION ON NEW OR EXISTING DEVELOPMENT - CONTINUED**

C19. Describe the proposed operation of the activity and its effects upon water storage and releases. Provide the estimated net head and power generated during the critical period. Define the critical period and provide the estimated average overall water use ( $m^3$  and  $m^3/s$ ) per kilowatt, corresponding to the average net head during the critical period, and estimates of the electrical energy that would be produced during the critical period at the on-site plant from the natural flow from storage at site and from storage upstream, each item shown separately if the Applicant does not own or control all upstream storage.

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C20. If storage or releases from the water power generation development will affect other downstream water power generation developments in the area, describe how the proposed activity will be operated within the system.

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**Definitions:**

**"Reservoir"** means a pond, lake or basin, either natural or artificial, for storage, regulation and control of water.

**"Power Storage"** means that portion of water stored in a reservoir which would be used to produce water power during the critical period.

**"Critical Period"** means the historic sequence of inflows which determines the annual firm or dependable energy capability of the development.