

# Land and Water Boards of the Mackenzie Valley



## APPLICATION FOR LICENCE, AMENDMENT OF LICENCE, OR RENEWAL OF LICENCE IN NON-FEDERAL AREAS

Subsection 5(1) and Schedule C of the [Waters Regulations](#)

|  |  |  |                                |  |
|--|--|--|--------------------------------|--|
| Use an "X" to indicate which Board the Application is being made to: | Mackenzie Valley Land and Water Board: |  | Sahtu Land and Water Board:    |  |
|  | Wek'èezhìi Land and Water Board:       |  | Gwich'in Land and Water Board: |  |

To complete this form, please refer to the LWB [Guide to the Water Licensing Process](#) (Guide) and fill in the grey fields; attach additional pages, as necessary. Indicate N/A in the grey fields for Items or parts of Items that are not applicable. An application package checklist is provided in the Guide. Review the following LWB guidance for formatting your Application Package:

- [Document Submission Standards](#)
- [Standard Outline for Management Plans](#)

|  |                  |  |  |
|--|------------------|--|--|
| If applicable, provide the existing or current Water Licence number:   |                  |  |  |
| Use an "X" to indicate if this Application is accompanied by another Application for a Water Licence in a federal area and/or a Land Use Permit. | Water Licence:   |  |  |
|  | Land Use Permit: |  |  |

### 1. NAME AND CONTACT INFORMATION – APPLICANT

|                   |            |  |  |
|-------------------|------------|--|--|
| Project Name:     |            |  |  |
| Applicant's Name: |            |  |  |
| Position:         |            |  |  |
| Company Name:     |            |  |  |
| Mailing Address:  |            |  |  |
| Community:        | Telephone: |  |  |
| Prov/Terr:        | Email:     |  |  |
| Postal Code:      | Other:     |  |  |

**2. NAME AND CONTACT INFORMATION – APPLICANT’S HEAD OFFICE**

Include a Certificate of Corporate Registration from the Government of the Northwest Territories in your Application Package.

|  |  |            |  |
|--|--|------------|--|
| Use an “X” to indicate this information is the same as Item 1 above: |  |            |  |
| Name:  |  |            |  |
| Position:  |  |            |  |
| Company Name:  |  |            |  |
| Mailing Address:   |  |            |  |
| Community:   |  | Telephone: |  |
| Prov/Terr:   |  | Email:     |  |
| Postal Code:   |  | Other:     |  |

**3. LOCATION OF PROJECT**

Use the grey fields below to provide or reference the following information:

Traditional Place Name:

Maps and Geographic Information System (GIS) Data: Include a map in your Application Package, identifying local geographic features, watercourses and water sources, project structures, and location(s) of any proposed waste deposits. Provide geographic coordinates (latitude and longitude) of project features, and the maximum and minimum project boundary in degrees, minutes, seconds, or decimal degrees. Include GIS data in your Application Package, if applicable. Refer to the LWB [Geospatial Data Submission Standards](#) for providing geographic information.

|                    |  |                    |  |
|--------------------|--|--------------------|--|
| Minimum latitude:  |  | Maximum latitude:  |  |
| Minimum longitude: |  | Maximum longitude: |  |

NTS Map Sheet No.: Provide the map sheet number:

GIS Data: Use an “X” to indicate if GIS data is attached.

|           |                          |                |                          |
|-----------|--------------------------|----------------|--------------------------|
| Attached: | <input type="checkbox"/> | Not Available: | <input type="checkbox"/> |
|-----------|--------------------------|----------------|--------------------------|

Land Types: Use an “X” to indicate the type(s) of land on which the activities are proposed:

|                        |                          |                                       |                          |               |                          |                 |                          |
|------------------------|--------------------------|---------------------------------------|--------------------------|---------------|--------------------------|-----------------|--------------------------|
| Free Hold/<br>Private: | <input type="checkbox"/> | Commissioner’s/<br>Territorial Lands: | <input type="checkbox"/> | Federal Land: | <input type="checkbox"/> | Municipal Land: | <input type="checkbox"/> |
|------------------------|--------------------------|---------------------------------------|--------------------------|---------------|--------------------------|-----------------|--------------------------|

**4. DESCRIPTION OF PROJECT**

Describe the proposed activities in the grey field provided below and contact Board staff to determine whether additional information will be required. For proposed amendments to authorized activities, specify: the nature of the amendment, the condition(s) to be amended, and the rationale for the amendment.

|  |
|--|
|  |
|--|

**5. TYPE OF UNDERTAKING**

Refer to Schedule B of the [Waters Regulations](#). Use an “X” to indicate which one type of undertaking applies:

|   |                    |             |
|---|--------------------|-------------|
| 1 | Industrial         |             |
| 2 | Mining and milling |             |
| 3 | Municipal          |             |
| 4 | Power              |             |
| 5 | Agriculture        |             |
| 6 | Conservation       |             |
| 7 | Recreation         |             |
| 8 | Miscellaneous      | (describe): |

**6. WATER LICENSING CRITERIA**

Refer to Schedules D to H of the [Waters Regulations](#). Use an “X” to indicate which criteria apply:

|  | Type B | Type A      |
|--|--------|-------------|
| To obtain water                            |        |             |
| To cross a watercourse                     |        |             |
| To modify the bed or bank of a watercourse |        |             |
| Flood control                              |        |             |
| To divert water                            |        |             |
| To alter the flow of, or store, water      |        |             |
| To deposit waste                           |        |             |
| Other                                      |        | (describe): |

**7. PROPOSED QUANTITY OF WATER INVOLVED**

Describe the purpose of each proposed water use, name, and type (e.g., lake, river) of the water source, the location, and the quantity of water that would be used in the grey fields below. Add more rows as needed.

| Purpose of Water Use | Name and Type of Water Source | Location | Geographic Coordinates |           | Proposed Water Use Volume/Rate, including units |
|----------------------|-------------------------------|----------|------------------------|-----------|---|
|                      |                               |          | Latitude               | Longitude |   |
|                      |                               |          |                        |           |   |
|                      |                               |          |                        |           |   |
|                      |                               |          |                        |           |   |
|                      |                               |          |                        |           |   |

For each water source identified in the table above, provide a comparison of total proposed water use to the available capacity. Add more rows as needed. For more information about determining winter water source capacity, refer to the LWB/GNWT [Method for Determining Winter Water Source Capacity for Small-Scale Projects](#).

| Water Source | Capacity of Water Source, including units | Other Users of the Water Source | Comparison of Total Proposed Water Use to Available Capacity |
|--------------|---|---------------------------------|--|
|              |   |                                 |  |
|              |   |                                 |  |
|              |   |                                 |  |

## 8. PROPOSED WASTE MANAGEMENT METHODS

Use the grey field below to provide or reference the following information:

**Waste Management Plan:** Include a Waste Management Plan in your Application Package, if applicable, or for small-scale activities, describe proposed waste management activities in the grey field provided below. A template for the Plan is available in the LWB [Guidelines for Developing a Waste Management Plan](#).

If waste is proposed to be disposed of off-site within the NWT, written confirmation (e.g., an email, letter, etc.) from the facility/facilities indicating they will accept the waste is required. Include it/these in your Application Package. Please note this information will be required by the Board prior to commencement of activities.

**Municipalities:** Complete the relevant Operations and Maintenance Plans using the available [Templates](#) and include them in your Application Package. Refer to Sections 4-8 of Environment and Climate Change Canada’s [Solid Waste Management for Northern and Remote Communities: Planning and Technical Guidance Document](#).

**EQC and AEMP:** For activities that involve the deposit of waste into water, provide proposed effluent quality criteria (EQC) in accordance with the LWB [Waste and Wastewater Management Policy](#) and [Standard Process for Setting EQC](#). Refer to the LWB/GNWT [Guidelines for Effluent Mixing Zones](#) when mixing zones are being considered. Refer to the LWB/GNWT [Guidelines for Aquatic Effects Monitoring Programs](#) for more information regarding the development of AEMP programs.

## 9. EXISTING WATER USERS AFFECTED BY THIS PROJECT

Describe pre-Application engagement efforts with any existing water users and associated possible claims for water compensation or compensation agreements. Include the names and locations of existing water

users (e.g., persons or organizations) in the grey fields below. An additional table should be added for each water user.

|                                |  |
|--------------------------------|--|
| Name:                          |  |
| Community:                     |  |
| Province/Territory:            |  |
| Describe Engagement Completed: |  |

**10. POTENTIAL ENVIRONMENTAL IMPACTS OF THE PROJECT AND PROPOSED MITIGATIONS**

If the proposed project, or parts of the proposed project, may be exempt from preliminary screening, describe the rationale for the exemption in the grey field below. Include the date of the most recent screening, and/or the environmental assessment or impact review number.

Unless the project could be exempt from preliminary screening, using the Impact-Mitigation Table below, or the more detailed Table in Appendix F of the [Guide](#), identify all potential impacts and possible mitigations that are relevant to the proposed project, and indicate whether any of the mitigation measures have been developed as a result of input from affected parties. Applicants for type A water licences must use the detailed Table in the Guide; other applicants may choose either the Table below or the Table in the Guide. Possible potential impacts are listed below; however, these lists are not exhaustive and may not apply to all projects. All information provided should reflect the size, scale, and nature of the proposed project. Cumulative impacts and climate change must be considered. Attach additional pages if needed. Use landscape orientation if preferred.

| Potential Impacts<br><i>Use an "X" to indicate which apply</i> | X | Potential Project Impacts and Proposed Mitigations<br><i>Describe the potential impact(s) and the proposed measure(s) to reduce each of these impacts.</i> |
|--|---|--|
| <b>ABIOTIC COMPONENTS</b>                                      |   |  |
| <b>Land</b>  |   |  |
| Soil contamination   |   |  |
| Soil compaction  |   |  |
| Destabilization/erosion  |   |  |
| Change in soil structure                                       |   |  |
| Inability to support vegetation                                |   |  |
| Other  |   |  |
| <b>Water</b>   |   |  |
| <b>Groundwater</b>   |   |  |
| Water table alteration   |   |  |

| <b>Potential Impacts</b><br><i>Use an "X" to indicate which apply</i> | <b>X</b> | <b>Potential Project Impacts and Proposed Mitigations</b><br><i>Describe the potential impact(s) and the proposed measure(s) to reduce each of these impacts.</i> |
|---|----------|---|
| Infiltration changes  |          |   |
| Changes in water quality  |          |   |
| Temperature changes   |          |   |
| Other   |          |   |
| <b>Permafrost</b>   |          |   |
| Loss or change in extent  |          |   |
| Changes in seasonal fluctuations                                      |          |   |
| Change in persistence   |          |   |
| Other   |          |   |
| <b>Surface Water</b>  |          |   |
| Water flow or level changes (permanent, temporary, seasonal)          |          |   |
| Drainage pattern changes  |          |   |
| Temperature changes   |          |   |
| Changes in water quality  |          |   |
| Wetland impairment  |          |   |
| Changes to aquatic habitat (see Biotic section below)                 |          |   |
| Other   |          |   |
| <b>Air</b>  |          |   |
| Changes in air quality  |          |   |
| Harm to living things   |          |   |
| Increased greenhouse gases  |          |   |
| Other   |          |   |
| <b>BIOTIC COMPONENTS</b>  |          |   |
| <b>Vegetation</b>   |          |   |
| Direct loss of vegetation   |          |   |
| Loss of Species at Risk or may-be-at-risk plants                      |          |   |
| Change in species composition   |          |   |
| Introduction of non-native (invasive) species                         |          |   |
| Effects on plant health (dust, metals, toxins)                        |          |   |
| Increased risk of fire  |          |   |
| Compaction of vegetation  |          |   |
| Other   |          |   |
| <b>Terrestrial Wildlife Habitat</b>                                   |          |   |
| Direct loss or removal of habitat, dens, or nests                     |          |   |
| Loss or removal of keystone species and/or Species at Risk habitat    |          |   |
| Fragmentation of wildlife corridor                                    |          |   |
| Direct injury or mortality  |          |   |

| <b>Potential Impacts</b><br><i>Use an "X" to indicate which apply</i>   | <b>X</b> | <b>Potential Project Impacts and Proposed Mitigations</b><br><i>Describe the potential impact(s) and the proposed measure(s) to reduce each of these impacts.</i> |
|---|----------|---|
| Disturbances to key lifecycle stages: breeding, feeding, nesting, staging                                       |          |   |
| Effects on population abundance   |          |   |
| Change in species diversity   |          |   |
| Effects on wildlife health (toxins, metals, etc.)   |          |   |
| Changes to migratory movement patterns  |          |   |
| Changes to predator-prey relationships  |          |   |
| Human-wildlife conflicts  |          |   |
| Other   |          |   |
| <b>Aquatic Habitat</b>  |          |   |
| Breeding disturbances   |          |   |
| Change in species diversity   |          |   |
| Effects on health (toxins, metals, sediment, etc.)  |          |   |
| Changes to migratory movement patterns  |          |   |
| Changes to predator-prey relationships  |          |   |
| Effects on population abundance   |          |   |
| Change in species diversity   |          |   |
| Other   |          |   |
| <b>CULTURAL COMPONENTS</b>  |          |   |
| <b>Wildlife Harvesting</b>  |          |   |
| Loss or reduction in game species populations   |          |   |
| Effects on traditional land use, subsistence, and harvesting rights   |          |   |
| Other   |          |   |
| <b>Cultural Integrity and Heritage Resources</b>  |          |   |
| Change to or loss of cultural integrity   |          |   |
| Change to or loss of traditional lifestyle  |          |   |
| Change to or loss of heritage resource  |          |   |
| Other   |          |   |
| <b>Social and Economic Well-being</b>   |          |   |
| Increased human health hazard and risk  |          |   |
| Economic opportunities or losses (employment, training)   |          |   |
| Change in ecological, cultural, social, or economic values identified for protection in approved Land Use Plans |          |   |
| Impairment of the recreational or traditional uses of the land or water   |          |   |
| Impairment of the aesthetic quality of the land or water  |          |   |
| Changes to the use of the area by other non-  |          |   |

| <b>Potential Impacts</b><br><i>Use an "X" to indicate which apply</i>  | <b>X</b> | <b>Potential Project Impacts and Proposed Mitigations</b><br><i>Describe the potential impact(s) and the proposed measure(s) to reduce each of these impacts.</i> |
|--|----------|---|
| Indigenous people (e.g., trappers, outfitters, residents, hunters, forest harvesters, other authorized projects) |          |   |
| Other  |          |   |

Spill Contingency Plan: Include a Spill Contingency Plan in your Application Package, if applicable, or for small-scale activities, provide relevant details in the grey field provided below. An example of this Plan can be found in the INAC [Guidelines for Spill Contingency Planning](#).

**11. NAME AND CONTACT INFORMATION – CONTRACTORS AND SUB-CONTRACTORS**

Include relevant names, responsibilities, and contact information in the grey fields below. An additional table should be added for each contractor and sub-contractor.

|                   |  |            |  |
|-------------------|--|------------|--|
| Name:             |  |            |  |
| Responsibilities: |  |            |  |
| Company Name:     |  |            |  |
| Mailing Address:  |  |            |  |
| Community:        |  | Telephone: |  |
| Prov/Terr:        |  | Email:     |  |
| Postal Code:      |  | Other:     |  |

|  |  |
|--|--|
|  | Use an "X" to indicate that contractor and/or subcontractor information is not available at this time. |
|--|--|

**12. STUDIES UNDERTAKEN TO DATE**

In the grey field below list any relevant studies that support the proposed activities and include them in your Application Package.



**13. PROPOSED PROJECT SCHEDULE AND TERM**

Indicate the proposed project start and completion dates, and the time of year the project activities are planned to occur. Describe any anticipated temporary closure(s) or seasonal shutdowns. Indicate the term requested.

|                            |  |                  |  |
|----------------------------|--|------------------|--|
| Start Date:                |  | Completion Date: |  |
|                            |  |                  |  |
| Term of Licence Requested: |  |                  |  |

**14. ADDITIONAL SUPPORTING INFORMATION**

Use the grey field below to provide or reference the following information:

Engagement: Conduct engagement, prepare an Engagement Record and Engagement Plan in accordance with the LWB [Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits](#), and include them in your Application Package. Templates are provided in the Guidelines. Please also refer to [Information for Proponents on MVLWB’s Engagement Requirements](#).

Eligibility: Contact Indigenous, federal, and territorial governments, and other parties to ensure all appropriate authorizations have been obtained or are in the process of being obtained. Obtain permission from the landowner(s), if necessary (e.g., obtain and reference licences of occupation, leases, access authorizations, etc.) and attach it/them to the Application.

Land Use Plans: Contact the applicable Land Use Planning Board or the Tłı̨chǫ Government for assistance in interpreting the requirements of the relevant Land Use Plan(s). Include a Land Use Plan Conformity Table, or if applicable, written confirmation of conformity from the Tłı̨chǫ Government, in your Application Package, demonstrating how the project meets the requirements of the Land Use Plan, if applicable.

Traditional Knowledge (TK): Provision of TK is mandatory for Applications to the Sahtu Land and Water Board. Other applicants are strongly encouraged to include TK.

Facilities: Include the supporting information required under subsection 5(2) of the [Waters Regulations](#) if the project includes the following: dam(s); storage reservoir(s); watercourse crossing(s); camp(s) or lodge(s); use of water for industrial use or mining and milling; deposit of waste; or handling or storage of petroleum products or hazardous materials.

Closure and Reclamation: Include a Closure and Reclamation Plan in your Application Package, or for small-scale activities, describe the proposed closure and reclamation activities in the grey field provided below. Describe any temporary closure(s) and seasonal shutdowns. Refer to the LWB/AANDC [Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories](#) and Environment and Climate Change Canada’s [Solid Waste Management for Northern and Remote Communities: Planning and Technical Guidance Document](#).

Closure Cost Estimate: Prepare a Closure Cost Estimate and include it in your Application Package. Applicants are encouraged to contact Board staff, prior to applying, to determine which closure-cost- estimate template is most suited to the project activities being applied for. Guidance is provided in sections 1.3 and 2.1 of the LWB/GNWT/CIRNAC [Guidelines for Closure and Reclamation Cost Estimates for Mines](#). If your Application is submitted concurrently with a Land Use Permit Application, the estimate should include a breakdown of water- and land-related activities and liabilities.

Financial Capacity: Provide information relating to your financial capacity, as outlined in paragraph 26(5)(d) of the [Waters Act](#). Please note this information will be required by the Board prior to issuance.

**15. FEES**

Refer to the Guide for assistance with determining applicable fees.

| Type of Fee                      | Amount (\$) |
|----------------------------------|-------------|
| Application fee (if applicable): | \$30.00     |
| Water use fee deposit:           | \$          |
| Total Fees:                      | \$          |

If fees are submitted separately, indicate how and when they will be delivered to the Board’s office.

**16. SIGNATURE**

|  |                  |
|--|------------------|
|  |                  |
| Applicant's Name (print)<br>or<br>Company Name | Position (print) |
|  |                  |
| Signature                                      | Date             |

Review the application package checklist provided in the Guide, and submit completed applications to the Regulatory Manager or Executive Director identified on the "Contact Us" pages of the respective Land and Water Board ([www.mvlwb.com](http://www.mvlwb.com), [www.wlwb.ca](http://www.wlwb.ca), [www.slwb.com](http://www.slwb.com), [www.glwb.com](http://www.glwb.com)).