# Application for Water Licence Amendment

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Month/Day/Year

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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 7 | June 2010 |
| (2) | Updated NWB logos and reformatted table to allow rows to break across page | May 2011 |
| (3) | New NWB logo; request for background information; and change to Block 24 | April 2013 |
| (4) | | |
| (5) | | |
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## APPLICATION FOR WATER LICENCE AMENDMENT

The applicant is referred to the NWB's Guide 7: *Licensee Requirements Following the Issuance of a Water Licence* for more information about this application form.

Where possible, provide background information regarding the original licence application or attach previously submitted information.

**EXISTING LICENCE NO: 3BM-RAN2025**

### 1. LICENSEE CONTACT INFORMATION

Is the licensee the same as that referred to on the existing licence?

■ Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB. **An amendment will only be issued in the name of the current licensee in the absence of assignment of the licence.**

If the licensee is the same, but the name of the licensee has changed, attach a certificate of name change.

Name: **Municipality of Rankin Inlet**

Address: **P.O. Box 310, Rankin Inlet, NU X0C 0G0**

Phone: **(867) 645-2895**
Fax: **(867) 645-2140**
e-mail: **sao@rankininlet.ca**

### 2. LICENSEE REPRESENTATIVE CONTACT INFORMATION – If different from Block 1.

Name: **Government of Nunavut — Department of Transportation and Infrastructure Nunavut (GN-TIN)/Dillon Consulting Limited**

Address: **P.O. Box 1000 Stn. 700, Iqaluit, NU X0A 0H0**

Phone: **(867) 975-5471**
e-mail: **municipalworks@gov.nu.ca / kclouter@dillon.ca**

**Authorization letter attached**

**3. NAME OF PROJECT**

Has the name of the project changed?

☐ Yes ■ No

If Yes, indicate the name of the project including the name of the location: _____

**4. LOCATION OF UNDERTAKING**

Does the proposed amendment change the location of the amended undertaking?

☐ Yes ■ No

Provide the project extents and camp locations. Identify proposed changes.

**Project Extents**

Latitude: **(62°48'16" N)** Longitude: **(92°04'16" W)**

**Camp Location(s)**

**N/A**

**5. MAP**

Does the proposed amendment change the locations of any of the main components of the undertaking?

☐ Yes ■ No

Attach a topographical map, indicating the main components of the undertaking. Identify proposed changes.

NTS Map Sheet No.: _____ Map Name: _____ Map Scale: _____

**Complete topographical maps, aerial drawings, and site plans are attached in Appendix A of the updated Operation & Maintenance Plan (October 2025) and EECP (November 2025).**

## 6. NATURE OF INTEREST IN THE LAND

Does the proposed amendment change the nature of the interest in the land?

☐ Yes ■ No

If Yes, indicate changes. _____

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)
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: _____

Is the name of the entity(s) holding authorizations the same as that considered in the existing water licence?

■ Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB.

Name of entity(s) holding authorizations: **Municipality of Rankin Inlet**

## 7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

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

- ☐ North Baffin
- ☐ South Baffin
- ☐ Akunniq
- ■ Keewatin
- ☐ Sanikiluaq
- ☐ West Kitikmeot

Does the proposed amendment change the land use planning area?

☐ Yes ■ No

If yes, indicate the land use planning area in which the amended undertaking is located.

- ☐ North Baffin
- ☐ South Baffin
- ☐ Akunniq
- ☐ Keewatin
- ☐ Sanikiluaq
- ☐ West Kitikmeot

Was a land use plan conformity determination required from NPC prior to the issuance of the existing water licence?

■ Yes ☐ No

If Yes, indicate date issued and attach copy. **August 15, 2025, under NPC File No. 150908**

Does the proposed amendment change the original NPC conformity determination or the need to obtain one?

☐ Yes ■ No

If Yes, indicate date issued (or expected) and attach a 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

Was a screening determination required from NIRB prior to the issuance of the existing water licence?

■ Yes ☐ No

If Yes, indicate date issued and attach copy. **Yes (NIRB Screening Decision EX244 issued June 12, 2015)**

Does the proposed amendment change the original NIRB screening determination or the need to obtain one?

☐ Yes ■ No

If Yes, indicate date issued (or expected) and attach a copy. _____
If No, provide written confirmation from NIRB confirming that a screening determination is not required.

## 9. DESCRIPTION OF UNDERTAKING

Does the proposed amendment change the description of the undertaking?

■ Yes ☐ No

List and attach plans and drawings or project proposal. Identify proposed changes.

The Municipality of Rankin Inlet is applying to renew and amend Water Licence 3BM-RAN2025 for a 20-year term. The requested modifications align licence terms with evidence-based best practices, retire inactive facility conditions, and adopt standardized operational templates. The specific proposed changes include:

- **Licence Horizon Extension: Renew Water Licence 3BM-RAN2025 for a 20-year term, ensuring long-term regulatory certainty for municipal solid waste management.**
- **Terminology Update: Update governing entity reference from "Hamlet of Rankin Inlet" to "Municipality of Rankin Inlet" across all licence clauses and conditions.**
- **Removal of Clause F-1 (Uncommissioned New Landfill): Remove Clause F-1 pre-commissioning requirements. The New Landfill was never commissioned due to airport bird hazard concerns. Future operations will focus on optimizing and renovating the Old Landfill site.**
- **Removal of Clause G-1 (Old Landfill A&R Plan): Remove Clause G-1 requirement for an Abandonment & Restoration Plan for the Old Landfill, as the site will remain in active, long-term municipal operation with planned area optimizations.**
- **Removal of Inactive Landfarm Clauses (D-6, F-10, H-4, H-9, H-10): Remove all operational and contingency plan clauses for the historical Landfarm, which has not accepted contaminated soil since 2009 (replaced by licence 1BR-RAN2131) and produces no effluent.**
- **Monitoring Program Revisions (Clause H-1, H-2, H-3): Reclassify Monitoring Stations RAN-3 (New Landfill) and RAN-4 (Landfarm) as Inactive; and remove them from monthly sampling schedules. Active sampling will continue at RAN-2 (Old Landfill runoff), RAN-5 (upstream groundwater well), and RAN-6 (downstream groundwater well).**
- **Modification of Engineer Inspection Clauses (Clauses F-5, F-6): Remove or amend annual engineering inspection clauses pending completion of a GN third-party study by Dillon Consulting (expected in 2027) regarding optimal inspection frequency for northern waste infrastructure.**
- **Removal of the Landfarm as an asset under this licence. The landfarm is the responsibility of the Government of Nunavut Petroleum Products Division, not the Municipality of Rankin Inlet.**

## 10. OPTIONS

Does the proposed amendment change any of the alternative methods and locations that were considered to carry out the project?

☐ Yes ■ No

Provide a brief explanation of the alternative methods or locations that were considered to carry out the project. Identify proposed changes.

**Facility operations will continue at the established Old Landfill location. Moving to alternative sites (such as the uncommissioned New Landfill) was ruled out due to NAV Canada / Transport Canada airport bird hazard restrictions.**

## 11. CLASSIFICATION OF PRIMARY UNDERTAKING

Indicate the primary classification of undertaking for the existing licence 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):

_____

Does the proposed amendment change the classification of primary undertaking?

☐ Yes ■ No

If Yes, indicate the primary undertaking of the amendment:_____

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be updated and submitted with an Application for Amendment. 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

Indicate, using the boxes below, the types of water use(s) approved in the existing licence.

- ■ 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: _____

Does the proposed amendment change the type(s) of water use(s)?

☐ Yes ■ No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of water use(s) noting any water use(s) that are to be added, continued, or removed.

- ☐ 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 OF WATER INVOLVED

Does the proposed amendment change the source of water? ☐ Yes ■ No

Indicate the water source(s). Identify proposed changes.:

_____

(show location(s) on map)

Does the proposed amendment change the quality of the water source and/or its available capacity?

☐ Yes ■ No

Describe the quality of the water source(s) and the available capacity(s). Identify any changes.:_____

_____

Does the proposed amendment change the overall quantity of water to be used?

☐ Yes ■ No

Provide the overall estimated quantity to be used. Identify proposed changes. : _____ $m^3$/day

Does the proposed amendment change the quantity of water to be used from each source?

☐ Yes ■ No

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

_____

Does the proposed amendment change the quantity of water to be used for each purpose?

☐ Yes ■ No

Provide the estimated quantities to be used for each purpose (camp, drilling, etc.). Identify proposed changes.:

_____

Does the proposed amendment change the method(s) of extraction? ☐ Yes ■ No

Describe the method(s) of extraction. Identify proposed changes. : **Grab samples for environmental monitoring**

Does the proposed amendment change the quantity(s) of water returned to source(s)?

☐ Yes ■ No

Estimated quantity(s) of water returned to source(s). Identify proposed changes. : **N/A**

Does the proposed amendment change the quality(s) of water returned to source(s)?

☐ Yes ■ No

Describe the quality(s) of water(s) returned to source(s). Identify any changes. : **N/A**

## 14. WASTE

Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence.

- ☐ Sewage
- ■ Solid Waste
- ■ Hazardous
- ■ Bulky Items/Scrap Metal
- ☐ Animal Waste
- ☐ Other (describe):_____
- ☐ Waste oil
- ☐ Greywater
- ■ Sludges
- ■ Contaminated soil and/or water

Does the proposed amendment change the type(s) of waste(s) to be generated or deposited?

■ Yes ☐ No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of waste(s) to be generated and/or deposited noting the addition, removal or continued generation and/or disposal of waste(s).

- ☐ Sewage
- ☐ Solid Waste
- ☐ Hazardous
- ☐ Bulky Items/Scrap Metal
- ☐ Animal Waste
- ☐ Other (describe):_____
- ☐ Waste oil
- ☐ Greywater
- ☐ Sludges
- ■ Contaminated soil and/or water: **We are requesting the removal of the Landfarm facility from this licence**

## 15. QUANTITY AND QUALITY OF WASTE INVOLVED

Does the proposed amendment change the quantity(s) of the types of wastes involved?

☐ Yes ■ No

Does the proposed amendment change the composition(s) of the types of wastes involved?

☐ Yes ■ No

Does the proposed amendment change the method(s) of treatment for the types of waste involved?

☐ Yes ■ No

Does the proposed amendment change the method(s) of disposal for the types of waste involved?

☐ Yes ■ No

If Yes to any of the above, describe the proposed changes: _____

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 |
|---|---|---|---|---|
| **Solid Waste (Municipal Solid Waste / MSW)** | **Household garbage, food waste, paper, plastics, cardboard, non-hazardous commercial/institutional refuse** | **Mass Rate: 2.64 kg / capita / day**<br><br>**Volume Rate: 27.2 L / capita / day** | **Bulldozer compaction; controlled burning of unpainted wood and clean cardboard per GN guidelines.** | **Deposited at the Old Landfill tipping face; covered periodically with granular fill and crushed stone fire barrier.** |
| **Bulky Items / Scrap Metal** | **Mixed scrap metals, End-of-Life Vehicles (ELVs), white goods (appliances), scrap equipment, empty tanks** | **0.6093 $m^3$/capita/year** | **Mechanical volume reduction via *Lindner Urraco DK 75* metal shredder (acquired Summer 2025); freon recovery from white goods** | **Shredded metals blended with granular cover fill; bulky items staged in storage area for barge backhaul** |
| **Hazardous Waste & HHW** | **Waste oil, lead-acid batteries, propane cylinders, glycol, solvents, paint** | **0.62 $m^3$/capita/year** | **Sorting, containment, and overpack in sealable drums. No on-site chemical treatment** | **Staged in fenced Hazardous Waste Area for annual sealift backhaul to licensed southern receiving facilities** |
| **Sewage Treatment Screened Solids** | **Screened sewage solids in plastic bags/barrels** | **Per Capita Rate: 0.03 L / capita / day** | **double-bagging/barrel containment prior to transfer.** | **Deposited in dedicated trench in SWDF Hazardous Waste zone and immediately backfilled** |

## 16. OTHER AUTHORIZATIONS

Does the proposed amendment change the need for other authorizations in addition to the sub-surface and surface land use authorizations provided in Block 6?

☐ Yes ■ No

If Yes, indicate any additional authorizations required, which authorizations are no longer required, and which authorizations continue to be required.

For each provide the following:

Authorization: _____

Administering Agency: _____

Project Activity: _____

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

## 17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES

Does the proposed amendment change the predicted environmental impacts of the undertaking or the mitigation measures?

☐ Yes ■ No

Describe direct, indirect, and cumulative impacts related to water and waste. Identify any changes.

## 18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS

Was compensation paid and/or an agreement(s) for compensation been entered into with any existing or other users of water during consideration of the existing licence?

☐ Yes ■ No

If Yes, provide the names, addresses and the nature of water use by those persons or properties.

Does the proposed amendment adversely affect any known persons or property including those that hold licences for water use in precedence 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?

☐ Yes ■ No

If Yes, provide the names, addresses and the nature of water use of those persons or properties.

Advise the Board if compensation has been paid and/or an agreement(s) for compensation has been reached with any existing or other water users with respect to the proposed amendment.

**19. INUIT WATER RIGHTS**

Was compensation paid/ or an agreement(s) for compensation been entered into with any Designated Inuit Organization (DIO) during consideration of the existing licence?

☐ Yes ■ No

If Yes, which DIO(s) _____

Does the proposed amendment substantially affect the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL)?

☐ Yes ■ No

If Yes, 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 DIO(s) with respect to the proposed amendment.

**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.

**In September 2025, the Municipality of Rankin Inlet Council passed a formal Council motion approving a Business Case for Solid Waste Site remediations and licence renewal.**

**21. SECURITY INFORMATION**

Does the proposed amendment change the financial security assessment?

☐ Yes ■ No

Does the proposed amendment change the estimate of the total financial security for final reclamation?

☐ Yes ■ No

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. Identify any changes in the financial security assessment resulting from the proposed amendment.

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

Is the statement of financial security the same as that considered in the existing water licence?

■ Yes ☐ No

Provide an updated statement of financial security.

If the applicant is a business entity please answer the questions below:

Is the list of the officers of the company the same as those considered in the existing water licence?

■ Yes ☐ No

Provide a list of the officers of the company.

Is the Certificate of Incorporation or evidence of registration of the company name the same?

☐ Yes ☐ No

Attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

## 23. STUDIES UNDERTAKEN TO DATE

List and attach updated studies, reports, research etc.

**1. Operation & Maintenance Plan for Solid Waste Disposal Facilities (October 2025)**
**2. Environmental Emergency Contingency Plan (November 2025)**
**3. Environmental Monitoring Program and QA/QC Plan (November 2025)**
**4. Plan for Compliance Licence No. 3BM-RAN2025 (2025)**
**5. Amendment Justification Summary (November 24, 2025)**
**6. 2025 Annual Compliance Report (3BM-RAN2025)**

Provide a compliance assessment and status report including a response to any inspector's reports. The licensee must contact the NWB for licence specific direction in completing the assessment and report.

If in non-compliance, a licence may not be issued until compliance is achieved. If in non-compliance, attach plans/reports for consideration. Application will not be processed if significant issues of non-compliance exist.

## 24. PROPOSED TIME SCHEDULE

When are proposed amendments scheduled to be undertaken: _____

Does the proposed amendment change the time schedule considered in the existing licence for any phase of development?

☐ Yes ■ No

Indicate the start and completion dates for each applicable phase of development (construction, operation, closure, and post closure). Identify proposed changes.

Construction

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

Operation
Proposed Start Date: **October 2026** (month/year) Proposed Completion Date: **October 2046** (month/year)

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

Post - Closure
Proposed Start Date:_____ (month/year) Proposed Completion Date:_____ (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**

On what date does the existing licence expire? **December 20, 2025**

Is the Licensee applying for a combined renewal and amendment of the existing licence?

■ Yes ☐ No

If Yes, indicate the proposed term of the renewal (maximum of 25 years): **20 Years**

Requested date of renewal issuance: **January 2027** Requested Expiry Date: **January 2047**

(The requested date of renewal 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**

Will the proposed amendment change the content of annual reports or the annual report template?

☐ Yes ■ No

If Yes, 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 Amendment for the water licensing process to begin.

Completed Application for Water Licence Amendment form.

■ Yes ☐ No If no, date expected _____

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

☐ Yes ■ No If no, date expected _____

Compliance Assessment / Status Report (see Block 23).

■ Yes ☐ No If no, date expected _____

Indication of Renewal Requirement (see Block 26)

■ Yes ☐ No If no, date expected _____

English Summary of Amendment Application.

■ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Amendment 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**

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