



Department of Community and Government Services
Nunalingni Kavamatkunnilu Pivikhaqautikkut
Ministère des Services Communautaires et gouvernementaux

Executive Summary

This application is being submitted to the Nunavut Water Board (NWB) by the Government of Nunavut, Department of Community and Government Services (CGS) on behalf of the Hamlet of Rankin Inlet for the Renewal of Water Licence No. 3BM-RAN1520. There are no changes from the previous licence. This water licence is for the sole purpose of waste deposit into a Solid Waste Disposal Facility, and no water consumption is included. There are also future plans to expand or move the solid waste disposal facility which documentation and correspondence will be provided when available. The Hamlet is seeking a 5-year renewal of the previous water licence, which would be valid to the end of 2025.

The Hamlet of Rankin's Inlet Solid Waste Site is located approximately 0.5 km south of the community and approximately 0.5 km from the Hudson Bay to the east, south and west. The site consists of two main areas: a solid waste disposal area and a miscellaneous storage area. The total area of the site is almost 6 ha. The Solid Waste Disposal area is surrounded by a compacted sand and gravel perimeter road and a fence. Solid waste primarily consisting of municipal waste is deposited within the fenced disposal area. The solid waste disposal area has a footprint of approximately 4 ha.

Slightly to the northwest of the solid waste disposal area is a miscellaneous area that has historically been used for fire training, drum storage, sewage disposal, and bulky metal storage. Some hazardous waste materials have been stockpiled, packaged, and transported to suitable disposal facilities in the south. The miscellaneous storage area is approximately 220 m long from the south to north, and 150 m wide at the south end. The miscellaneous storage area has a footprint of approximately 1.7 ha.

A fence and gate were installed at the entry to the Solid Waste Site in September 2014, and multiple cameras were installed in June 2020. The gate is proposing to be locked outside of the Solid Waste Site hours of operation from 9 am to 5 pm, Monday to Friday, to restrict access to the both the solid waste disposal area and the miscellaneous storage area. The Hamlet is currently working on hiring personnel to monitor the dumping within this site to ensure proper segregation and disposal methods are being adhered to.

The landfarm in Rankin Inlet was constructed in 2005 and is located 5 km northwest of the Hamlet. The landfarm was constructed with a liner and containment berm, and covers an area

of 2100 m³. Contaminated soil is not being accepted at this landfarm and the Hamlet intends to decommission this facility during the period of the new licence upon receiving test results back from samples taken in August 2020.

The Water Supply Facilities, Utilidor and Sewage Treatment Facility in the Hamlet of Rankin Inlet are authorized under a separate Water Licence held by the Government of Nunavut, Community and Government Services (GN-CGS). Please refer to Water Licence No. 3AM-
GRA1624 for more information.