



Hamlet of Rankin Inlet Water Licence No. 3BM-RAN1214 Amendment/Renewal Application

EXECUTIVE SUMMARY

The Hamlet of Rankin Inlet is submitting to the Nunavut Water Board (NWB) a Water Licence Amendment/Renewal Application for Water Licence No. 3BM-RAN1214. The Hamlet is requesting an amendment to Water Licence No. 3BM-RAN1214 for changes to several conditions of the original Licence. The Hamlet is also seeking a twenty-three (23) year renewal of the Licence which would be valid until 2038. The projected population of the Hamlet in the year 2038 is 4043 people.

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 temporarily stockpiled in this area awaiting packaging and transport to suitable disposal facilities. 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 was installed at the entry to the Solid Waste Site in September 2014. The gate is 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 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.

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-GRA1015 for more information.