Municipality of Resolute Bay Water Licence No. 3BM-RES2025 Water License Application

EXECUTIVE SUMMARY

The Municipality of Resolute Bay is submitting to the Nunavut Water Board (NWB) a Water Licence Renewal Application for Water Licence No. 3BM-RES2025. The Municipality is also seeking a twenty (20) year renewal of the Licence which would be valid until 2045. The projected population of the Hamlet in the year 2045 is 382 people.

There is no water withdrawal authorized under this licence, as it is only for the waste disposal. Currently, there are 2 active waste disposal sites within the Municipality of Resolute Bay. The current fenced metal waste site is located 2.65 kilometers north of the airport. The domestic waste facility is located approximately 4 kilometers west of the main townsite, on the ocean.

The newly constructed solid waste facility which will provide the community with a suitable waste site, significantly improve operations, including health and safety, and to meet the needs of the community while bringing operations in line with regulatory compliance. A business case for the new landfill has been completed, which the recommendations of will be taken into detailed design of the facility. Originally, the existing solid waste facility was intended to be upgraded, but after the development of the business case, it was determined that a new facility would be constructed. The previously used solid waste facility will be closed, and the waste will be consolidated to the new facility, however, the old metal waste site will be available to the Municipality for material laydown needs.

The new facility will have improved lighting, proper water migration reduction strategies, and containment fencing of the facility to restrict unauthorized access. The site will also feature the addition of a leachate pond with several divertible waste areas to separate solid, combustible and hazardous waste, including an area where Municipal waste is covered to prevent interaction with local wildlife. Finally, a new access road will be constructed to reach the facility. Construction is expected to commence in 2026 and completed in 2027.