

Application for a Nunavut Water Board License, Hamlet of Whale Cove

Executive Summary

Enclosed is an application submitted on behalf of the Hamlet of Whale Cove for a water license to replace license NWB3-WHA0207. The Hamlet is seeking a 5 year renewal/replacement of this license. This license includes all water intake, sewage disposal and solid waste disposal activities.

The Hamlet of Whale Cove provides trucked water supply, sewage disposal, and solid waste disposal to the community.

The Water Supply Facility is located at Fish Lake, approximately 3.5 km north of the Hamlet. A submersible pump draws water from an intake located off shore at a depth of approximately 6 m. Water is pumped into a truckfill station where it is treated by chlorine injection prior to being pumped via an overhead arm into water trucks.

A Hamlet sewage truck pumps out the sewage holding tanks in each building. The sewage is trucked to a Sewage Treatment Facility approximately 1 km from the Hamlet. The Facility consists of a lagoon with an exfiltration berm, which allows the sewage to slowly discharge and meander through a designated 700 m long wetland downgradient away from the Hamlet towards Hudson Bay.

Solid waste is collected by the Hamlet garbage compactor truck from each building, and is trucked to the Solid Waste Management Facility approximately 1.2 km from the community. The Facility consists of a landfill, a bulky metals area, and a planned household hazardous waste depot.

Overall, the water supply, sewage disposal, and solid waste management activities will not substantially impact the quality, quantity, or flow out rates of water through Inuit owned lands.