



Coral Harbour Municipal Water Licence Renewal Application Executive Summary

The Hamlet of Coral Harbour has submitted an application to the Nunavut Water Board to renew its 3BM-COR1521 Water Licence for a 10-year period that would be valid until 2031. The main activities controlled by the water licence are described in this summary. The projected population in 2031 is 1253 (Nunavut Bureau of Statistics).

The Hamlet proposes to continue pumping water from the Post River, through an overland pipe to the rock-blasted reservoir for storage each summer. The quantity of water will not exceed 45,000 cubic meters annually, as in the current licence. The water intake pipe from the reservoir delivers water to the adjacent water treatment plant that was commission in 2016. The treatment system entails primary chlorination, cartridge filtration, secondary chlorination and contact time provided in the storage pipe, prior to filling trucks for delivery within the community. No changes to this system are proposed at this time.

The Hamlet provides a trucked sewage collection service that deposits wastewater into the Sewage Disposal Facilities 3 km north of the community. This includes a sewage lagoon and wetland treatment area. Effluent is discharged from the lagoon naturally through the exfiltration berm and diversion berms within the wetlands area redirect flow away from the community. Solid waste will continue to be collected from the community and deposited in the solid waste landfill beside the lagoon. The Municipality is in the process of upgrading the fencing around the Solid Waste Facility.

There are no proposed amendments to the water licence or facilities regulated within. Updated Operations and Maintenance plans for the facilities, as well as Environmental Contingency and Quality Assurance and Control sampling plans will be submitted to the Board for review by June 30, 2021.