

Baker Lake Municipal Water Licence Renewal Application Summary September 2008

The Hamlet of Baker Lake has submitted an application to the Nunavut Water Board to renew its Water Licence for a 10 year period. The main activities controlled by the water licence are described in this summary.

The Hamlet proposes to continue pumping drinking water from Baker Lake to the truckfill station for distribution by truck to users in the community. The water is chlorinated at the truck fill station before being pumped into the water delivery truck. No changes to this system are proposed.

Improvements to the sewage treatment area are proposed to enhance treatment and address public concerns. A fence is proposed to be installed around the holding cells and Lagoon Lake connecting with the fence at the landfill. The existing holding cell will be enlarged and a second holding cell will be constructed. Sewage will be discharged from trucks to the holding cells. Effluent will flow from the holding cells through the wetland and receive treatment in the wetland. Berms will be constructed between Lagoon Lake and Finger Lake to spread effluent flow over a larger area of the wetland and improve treatment. A berm will be built between the landfill and Finger Lake to provide increased treatment for drainage from the landfill. Signs identifying the wetland will also be posted.

Solid waste will continue to be collected from the community and deposited in the solid waste landfill. Bulky metal wastes will continue to be stored in the area beside the landfill.