

## Arctic Haven Lodge on Ennadai Lake

### Additional Information for Nunavut Water Board May 2017

#### Explanation of the Septic System and Water Use

In Arctic Haven Lodge there are 12 guest rooms. Each two rooms has its own septic tank. There is an additional tank for the kitchen and staff bathrooms. All grey and black water goes into the tanks. The tanks are wooden tanks buried in the ground. Water seeps from the tanks out into the soil which is very sandy. Solids decompose naturally. If a tank was to become full (which has not happened), then we would remove the solids and bury them away from the lodge. We have machinery that can do this.

The lodge uses 3 to 4 cubic meters of water per day. All this water goes back into the septic system. Occasionally if the airstrip is very dry and needs to be compacted, then we will water the airstrip before compacting. This does not happen very often, it did not occur in 2016 or 2015.

#### Operations for 2017

Spring operations commenced April 15 2017 and finished May 6. Currently there is a caretaker at the lodge until mid August when tourism starts again. Operations will finish at the end of September.

#### Fuel

At the lodge we store fuel in double walled tanks or tanks with safety pan. Additional fuel is stored in a fuel-proof berm. We have a supply of gasoline, diesel and jet fuel on hand. Amounts vary between 20 and 80 drums.

#### Inspections

The Lodge was inspected in 2015 and 2016 by the Gov of Nunavut and Federal officials.