

## BACTERIOLOGICAL STANDARDS FOR DRINKING WATER

(Source: Regulation respecting the quality of drinking water)

Parameter	Standard
Pathogenic Organisms (includes E. coli)	Water must be free from pathogenic organisms and organisms indicating fecal contamination, such as fecal coliform bacteria, <i>Escherichia coli</i> bacteria, enterococci bacteria and coliphage viruses.
Total Coliforms	Water must not contain more than 10 total coliforms per 100 millilitres of water collected.
Total Coliforms	When collected, at least 90% of samples must be free from total coliform bacteria.
Facultatively Aerobic or Anaerobic Heterotrophic Bacteria (AAHBs)	Water must not contain more than 500 facultatively aerobic or anaerobic heterotrophic bacteria per millilitre of water collected.

### **Application of Regulation to the Cree Communities:**

The drinking water is considered contaminated when:

- E.coli is detected in the water sample;
- Greater than 10 total coliforms are detected in the water sample; and/or
- Any number of total coliforms are detected in two or more water samples within a 30-day period.