METHODS OF WATER PRESERVATION AND PURIFICATION:

1. **Methods to purify water:**
   a. Boil water vigorously for 10 minutes.
   b. Add 12 drops of tincture of iodine per 4 litres, mix and let stand for 30 minutes.
   c. Add 8 drops of household laundry bleach per 4 litres, mix and let stand for 30 minutes.
   d. Use water purifying tablets according to the directions on the container.

2. **Methods to preserve water:**
   a. Add 1/2 to 1 tablespoon of household bleach, such as Clorox, to each 20 litre bucket. (almost all bleaches, no matter what brand, have 5 1/2% Sodium Hypoclorite, which is the purification chemical.)
   b. Add 1/2 cup of bleach to a barrel (207 litres / or 55 gallons US). (Putting slightly more than the recommended amount will not injure the water.)

REFERENCE GUIDE FOR PURIFYING WATER

**USING BLEACH**

<table>
<thead>
<tr>
<th>Water in litres</th>
<th>CLEAR WATER</th>
<th>CLOUDY WATER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 litre</td>
<td>2 drops</td>
<td>4 drops</td>
</tr>
<tr>
<td>4 litres</td>
<td>8 drops</td>
<td>16 drops</td>
</tr>
<tr>
<td>20 litres</td>
<td>½ tablespoon</td>
<td>1 tablespoon</td>
</tr>
</tbody>
</table>

**USING TINCTURE OF IODINE**

<table>
<thead>
<tr>
<th>Water in litres</th>
<th>CLEAR WATER</th>
<th>CLOUDY WATER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 litre</td>
<td>3 drops</td>
<td>6 drops</td>
</tr>
<tr>
<td>4 litres</td>
<td>12 drops</td>
<td>24 drops</td>
</tr>
<tr>
<td>20 litres</td>
<td>¾ tablespoon</td>
<td>1.5 tablespoons</td>
</tr>
</tbody>
</table>

**WARNING!** NEVER USE A CONTAINER FOR WATER OR FOOD STORAGE THAT HAS EVER CONTAINED ANY TOXIC SUBSTANCE.
To Test well water for E.coli and coliforms: (Free of charge)
Pick up sample bottles and forms at the **Lindsay or Haliburton Health Unit**, anytime.
Samples are picked up at the Health unit for testing from Monday through Thursday.

**Lindsay Office:**
108 Angeline St. S., Lindsay, ON, K9V 3L5
Tel: (705) 324-3569 - Fax: (705) 324-0455

**Haliburton Office:**
Top Floor, One York Lane, Haliburton, ON, K0M 1S0
Tel: (705) 457-1391 - Fax: (705) 457-1336

**Haliburton, Kawartha, Pine Ridge, Health Unit**
Information on well water:
[http://www.hkpr.on.ca/healthy-environments-master.asp?id=35](http://www.hkpr.on.ca/healthy-environments-master.asp?id=35)

**To test for other** water components and contaminants send samples to one of the government certified labs (there is a cost):

**Certified Water Testing Laboratories in Ontario**