Delivered water should be potable (safe for human consumption) and obtained from an approved source.

It is necessary to clean and disinfect your water holding tank(s) at least once a year or more often, if required. This is to remove algae (plant growth which produces bad tastes and odours), silt, and bacteria which may be harmful.

If the Water Holding Tank is:

*Accessible for Cleaning*

1. Empty the tank.
2. Scrub or pressure wash the interior walls to remove dirt and grime.
3. Rinse out the tank.
4. Mix a solution of household bleach and water (1 tablespoon or 15 ml of bleach for every gallon of water).
5. Scrub or pressure wash the interior walls of the tank with this solution, and leave it sit for 2 hours.
6. After 2 hours, thoroughly rinse the tank with clean water.
7. Refill with potable water.

* Caution is to be taken when using a strong chlorine solution. A water holding tank is a confined space. Under no circumstances should you enter a confined space, unless taking the appropriate precautions (see reverse side).

*Not Accessible for Cleaning*

1. Ensure the tank is full of water.
2. Add the required amount of household bleach (see table below to the water in your holding tank. If possible, mix the bleach and water.
3. To disinfect the plumbing lines and fixtures, turn the tap(s) on. Once you smell the chlorine odor at each outlet, close the tap.
4. Leave for 12 hours (generally done overnight).
5. Drain the water tank (but not into a septic tank).
6. Refill with potable water.

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**Dosage of Household Bleach (5% chlorine) required for the Cleaning and Disinfecting of Water Holding Tanks not Accessible for Cleaning**

<table>
<thead>
<tr>
<th>Tank Size</th>
<th>Amount of Household Bleach to Obtain 50 ppm of Chlorine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Litres</td>
<td>mL</td>
</tr>
<tr>
<td>277</td>
<td>227 mL</td>
</tr>
<tr>
<td>455</td>
<td>511 mL</td>
</tr>
<tr>
<td>909</td>
<td>909 mL</td>
</tr>
<tr>
<td>1137</td>
<td>1136 mL (1.2 L)</td>
</tr>
<tr>
<td>2273</td>
<td>2273 mL (2.3 L)</td>
</tr>
<tr>
<td>4546</td>
<td>4546 mL (4.5 L)</td>
</tr>
<tr>
<td>6819</td>
<td>6818 mL (6.8 L)</td>
</tr>
<tr>
<td>9092</td>
<td>9091 mL (9.1 L)</td>
</tr>
<tr>
<td>11365</td>
<td>11340 mL (11.5 L)</td>
</tr>
</tbody>
</table>
General Safety Regulations on Confined Spaces
Occupational Health and Safety Act

CONFINED SPACES

38. (1) In this section, "confined space" means a place
(a) to which or from which the means of access or egress are
restricted because of location, design, construction, or contents, and
(b) in which a hazardous accumulation of gas, vapour, dust, mist or
smoke may be present, or there may be an oxygen content in
the atmosphere of less than 18% or more than 23%, and
includes an open or closed tank, vat, sewer, pipe, duct, flue,
reactor, chamber, and other such spaces, and bilges, tanks,
 compartiments, or cargo spaces of marine equipment.

(2) A worker shall not enter or be required to enter a confined space
unless
(a) there is a means of egress from all accessible parts of the
confined space by a manhole or other clear opening,
(b) mechanical equipment installed in the confined space is
disconnected from its power source and locked out,
(c) all pipes and other supply lines are blanked off or where it is
impractical to blank or blind piping containing hazardous
substances, written work procedures are implemented to ensure
at least equal protection to all workers exposed to the hazard,
and
(d) sufficient tests are made for oxygen deficiency, flammability,
explosive conditions and toxic vapours, in appropriate locations
by a competent person who shall record the results of each test
in a permanent record, evaluate the tests, certify in writing in the
permanent record that a hazard does not exist in the confined
space and that there is not a likelihood of a hazard developing
while any person is in the confined space having regard to the
nature and duration of the work to be performed.

(3) Where a confined space contains or is likely to contain a gas,
vapour, dust, mist or smoke that is toxic or hazardous or has or is
likely to have an oxygen content in the atmosphere of less than 18%
or more than 23%, the space shall be purged and ventilated to
provide and maintain a safe atmosphere, and in addition to the
measures and procedures prescribed by subsection (2), a
competent person shall be in attendance, stationed outside the
confined space, and rescue procedures shall be established and
equipment readily available to remove a worker if necessary.

(4) Where a space to which subsection (3) applies cannot be purged
and ventilated to provide and maintain a safe atmosphere, in
addition to the measures and procedures prescribed by subsections
(2) and (3), a worker entering or required to enter the space shall
use
(a) a self-contained breathing apparatus and a safety harness or
other similar equipment to which is securely attached a rope the
free end of which is fastened to a solid support and which is held
by a person who is equipped with an alarm and is keeping watch
outside the confined space, and
(b) such other equipment as is necessary to ensure the worker's
safety.

(5) The safety harness, rope, and other equipment mentioned in
subsection (4) shall be inspected to ensure that it is in good working
order at all times.

(6) In addition to the requirements of subsections (2), (3), (4) and (5),
where the gas or vapour in a confined space is or is likely to be,
explosive or flammable, the confined space shall not be entered
unless
(a) the concentration of the gas or vapour does not, or is not likely
to, exceed 50% of the lower explosive limit of the gas or vapour,
(b) only cleaning or inspection is to be performed,
(c) explosion-proof equipment is used.

(7) Cold work may be performed in a confined space which contains, or
is likely to contain, an explosive or flammable gas or vapour where
the concentration does not, and is not likely to, exceed 10% of the
lower explosive limit of the gas or vapour.

(8) Where the confined space is a manhole or vault containing electrical
equipment, the work shall be
(a) performed by an electrical utility or an employer specializing in
such work,
(b) carried out by at least two competent persons,
(c) supervised by a competent person,
(d) performed in accordance with the code of rules, techniques and
procedures approved for work in manholes and vaults containing
electrical equipment, and
(e) carried out using tools, clothing, and equipment that is adequate
and specifically designed for the work being performed.

Further information may be obtained from Occupational Health and Safety at (867) 667-5450 or toll-free at 1-800-661-0408, ext. 5450.