



Procedures for Cleaning and Disinfection of Potable Water Tanks

1. Drain water from the tank.
2. Wash and remove dirt from the inside surfaces of the tank by means of a high pressure hose (i.e. steam).
3. Remove wash water and sediments from the bottom of the tank. These can be vacuumed out.
4. Rinse inside surfaces of the tank with potable water. Again remove the wash water.
5. Disinfect the inside surfaces of the tank as well as the distribution lines as follows:
 - a) Fill the tank with potable water.
 - b) Add 8 L of household bleach to every 4,500 L (1000 gal) of water (100 ppm chlorine solution) and mix well.
6. Run water from the water hose until the smell of chlorine is detected in the water.
7. Shut off the water hose. Let the chlorine solution sit in the water tank and system for at least 20 minutes.
8. Completely drain the chlorine solution from the tank to waste.
9. Cleaning and disinfecting of the water tank should be done twice a year or as required.

For more information about cleaning and disinfection of potable water tanks, contact your local Environmental Health Officer.

Environmental Public Health Services
Regional Delivery Sector , Alberta Region
Edmonton Phone: (780) 495-2712
Calgary Phone: (403) 299-3939