

# Fernridge Water Supply Association Inc

## Water Contamination

If you believe that your water tank is contaminated then you may apply the following procedure to your tank. If the Committee issues a **Boil all Water Notice** then please follow that advice until the all clear is given. Once the all clear is given you may wish to chlorinate your existing tank water or continue with the **Boil all Water** procedure until you believe you have tank has been refilled with uncontaminated water.

The following table shows the amounts required using 3% or 4% sodium hypochlorite solution (fresh plain house hold for example unscented Janola) to enable chlorination.

Tank Volume	Required amount of fresh plain household bleach (ml)	
	3%	4%
50	8	6
100	17	13
150	25	19
200	33	25
250	42	31
300	50	38
350	58	44
400	67	50
450	75	56
500	83	62
600	100	75
700	117	88
800	133	100
900	150	112
1000	167	125
2000	333	248
3000	500	375
4000	667	500
5000	833	625
6000	1000	750
7000	1167	875
8000	1333	1000
9000	1500	1125
10000	1667	1250
20000	3333	2500

### To use this table:

1. Calculate volume of tank in litres.
2. Read the amount of fresh plain household bleach (in ml) that corresponds to the volume of the tank.
3. Add the required milliliters of fresh plain household bleach to the tank and mix thoroughly, using a hose connected to a tap on your pumped supply.

There may be chlorine odour evident after this process due to the formation of by products by reactions with the free available chlorine and any organic matter present. This odour is caused by not enough chlorine being added and failure to reach the required break point level of chlorination. A further dose of chlorine(the same amount as the initial dose) needs to be added.