

Drinking Water Quality for the Period April 2002 - March 2003

Part A. Microbiological quality

General Points

- We monitor the quality of our drinking water to the World Health Organization (WHO) Guidelines for Drinking-water Quality (1993) which recommend a set of Guideline Values (GVs) representing the concentration of constituents that will not result in any significant health risk to a consumer over a lifetime consumption of 2 litres per day for 70 years.
- Although the WHO has not established any health-related GV for Cryptosporidium or Giardia in drinking water, we also monitor Cryptosporidium and Giardia in our drinking water.
- In extreme cases of contamination, we will take concerted actions with the Department of Health. The public will be informed to take appropriate measures if necessary.
- Samples are taken at treatment works, service reservoirs, connection points and consumer taps and analysed at site and at WSD's laboratories by WSD's qualified staff.
- Compliance is based on the annual average of monitoring data in accordance with international practice.
- During April 2002 and March 2003, over 25,000 treated water samples have been taken for microbiological analyses.

Parameter	Unit	WHO Guideline Value	Compliance	Monitoring Data (04/2002-03/2003)		
				Average	Minimum	Maximum
Total Coliforms	no. per 100 mL	0	✓	0	0	0
E. coli	no. per 100 mL	0	✓	0	0	0
Cryptosporidium	no. of oocyst per L	-	-	0.00	0.00	0.00
Giardia	no. of cyst per L	-	-	0.00	0.00	0.00