

SCHEDULE 1

Regulations 4, 10, 15 and 17

Concentrations or Values

PART 1

Wholesomeness

TABLE A: MICROBIOLOGICAL PARAMETERS**Prescribed concentrations or values**

<i>Parameters</i>	<i>Maximum concentration or value</i>	<i>Units of Measurement</i>
<i>Escherichia coli (E. coli)</i>	0	Number/100ml
Enterococci	0	Number/100ml
In the case of water in bottles or containers:		
<i>Escherichia coli (E. coli)</i>	0	Number/250ml
Enterococci	0	Number/250ml
<i>Pseudomonas aeruginosa</i>	0	Number/250ml
Colony count 22°C	100	Number/ml
Colony count 37°C	20	Number/ml

TABLE B: CHEMICAL PARAMETERS**Prescribed concentrations or values**

<i>Parameters</i>	<i>Maximum concentration or value</i>	<i>Units of Measurement</i>
Acrylamide ⁽ⁱ⁾	0.10	µg/l
Antimony	5.0	µg/l
Arsenic	10	µg/l
Benzene	1.0	µg/l
Benzo(a)pyrene	0.010	µg/l
Boron	1.0	mg/l
Bromate	10	µg/l
Cadmium	5.0	µg/l
Chromium	50	µg/l
Copper	2.0	mg/l
Cyanide	50	µg/l
1, 2 dichloroethane	3.0	µg/l
Epichlorohydrin ⁽ⁱ⁾	0.10	µg/l

Status: This is the original version (as it was originally made).

<i>Parameters</i>	<i>Maximum concentration or value</i>	<i>Units of Measurement</i>
Fluoride	1.5	mg/l
Lead	25 (until 25th December 2013)	µg/l
	10 (from 25th December 2013)	µg/l
Mercury	1.0	µg/l
Nickel	20	µg/l
Nitrate ⁽ⁱⁱ⁾	50	mg/l
Nitrite ⁽ⁱⁱⁱ⁾	0.5 (or 0.1 in the case of treatment works)	mg/l
Pesticides ⁽ⁱⁱⁱ⁾ —		
Aldrin	0.030	µg/l
Dieldrin	0.030	µg/l
Heptachlor	0.030	µg/l
Heptachlor epoxide	0.030	µg/l
other pesticides	0.10	µg/l
Pesticides total ^(iv)	0.50	µg/l
Polycyclic aromatic hydrocarbons ^(v)	0.10	µg/l
Selenium	10	µg/l
Tetrachloroethene and Trichloroethene ^(vi)	10	µg/l
Trihalomethanes: Total ^(vii)	100	µg/l
Vinyl chloride ⁽ⁱ⁾	0.50	µg/l
National requirements – Prescribed concentrations or values		
Aluminium	200	µg/l
Colour	20	mg/l Pt/Co
Iron	200	µg/l
Manganese	50	µg/l
Odour	Acceptable to consumers and no abnormal change	
Sodium	200	mg/l
Taste	Acceptable to consumers and no abnormal change	
Tetrachloromethane	3	µg/l
Turbidity	4	NTU

(i) The parametric value refers to the residual monomer concentration in the water as calculated according to specifications of the maximum release from the corresponding polymer in contact with the water. This is controlled by product specification.

(ii) See also the nitrate-nitrite formula in regulation 4(c).

(iii) For these purposes “Pesticides” means—

organic insecticides

organic herbicides

organic fungicides

organic nematocides

organic acaricides

organic algicides

organic rodenticides

organic slimicides

related products (inter alia, growth regulators)

and their relevant metabolites, degradation and reaction products.

Only those pesticides likely to be present in a given supply need be monitored.

(iv) “Pesticides total” means the sum of the concentrations of the individual pesticides detected and quantified in the monitoring process.

(v) The specified compounds are:

benzo(b)fluoranthene

benzo(k)fluoranthene

benzo(ghi)perylene

indeno(1,2,3-cd)pyrene.

The parametric value applies to the sum of the concentrations of the individual compounds detected and quantified in the monitoring process.

(vi) The parametric value applies to the sum of the concentrations of the individual compounds detected and quantified in the monitoring process.

(vii) The specified compounds are:

chloroform

bromoform

dibromochloromethane

bromodichloromethane.

The parametric value applies to the sum of the concentrations of the individual compounds detected and quantified in the monitoring process.

PART 2

Indicator Parameters

TABLE C

Prescribed concentrations, values or states

Status: This is the original version (as it was originally made).

<i>Parameters</i>	<i>Maximum concentration or value or state (unless otherwise stated)</i>	<i>Units of measurement</i>
Ammonium	0.50	mg/l
Chloride ⁽ⁱ⁾	250	mg/l
<i>Clostridium perfringens</i>		
(including spores)	0	Number/100ml
Coliform bacteria	0	Number/100ml (Number/250 ml in the case of water put into bottles or containers)
Colony counts	No abnormal change	Number/ml at 22°C
	No abnormal change	Number/ml at 37°C
Conductivity ⁽ⁱ⁾	2500	µS/cm at 20°C
Hydrogen ion	9.5 (maximum)	pH value
	6.5 (minimum) (in the case of still water put into bottles or containers the minimum is 4.5)	pH value
Sulphate ⁽ⁱ⁾	250	mg/l
Total indicative dose (for radioactivity) ⁽ⁱⁱ⁾	0.10	mSv/year
Total organic carbon (TOC)	No abnormal change	mgC/l
Tritium		
	100	Bq/l
(for radioactivity)		
Turbidity ⁽ⁱⁱⁱ⁾	1	NTU

(i) The water should not be aggressive.

(ii) Excluding tritium, potassium-40, radon and radon decay products.

(iii) Only in the case of surface water or groundwater that has been influenced by surface water.