

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 ^(h)	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

Status: This is the original version (as it was originally made).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>
1, 2 dichloroethane	3.0	µg/l
Epichlorohydrin ⁽ⁱ⁾	0.10	µg/l
Fluoride	1.5	mg/l
Lead	25 (until 25th December 2013) 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

(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.

Status: This is the original version (as it was originally made).

- (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.

National requirements — Prescribed concentrations or values

<i>Parameters</i>	<i>Maximum concentration or value</i>	<i>Units of Measurement</i>
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

PART 2

Indicator Parameters

TABLE C

Prescribed concentrations, values or states

<i>Parameters</i>	<i>Maximum concentration or value or state (unless otherwise stated)</i>	<i>Units of measurement</i>
Ammonium	0.50	mg/l
(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.	

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>
Chloride ⁽ⁱ⁾	250	mg/l
<i>Clostridium perfringens</i> (including spores)	0	Number/100ml
Coliform bacteria	0	Number/100ml (Number/250ml 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 (for radioactivity)	100	Bq/l
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.