

SCHEDULE 1

Regulations 2(1), 7, 8, 17-26 and 28

PRESCRIBED CONCENTRATIONS AND VALUES

Table A

Microbiological parameters

Part I: Directive requirements

<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>
<i>Item</i>	<i>Parameters</i>	<i>Concentration or Value (maximum)</i>	<i>Units of Measurement</i>
1.	Enterococci	0	number/100ml
2.	<i>Escherichia coli</i> (<i>E. coli</i>)	0	number/100ml

Part II: National requirements

<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>
<i>Item</i>	<i>Parameters</i>	<i>Concentration or Value (maximum)</i>	<i>Units of Measurement</i>
1.	Coliform bacteria	0	number/100ml

Table B

Chemical parameters

Part I: Directive requirements

<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>
<i>Item</i>	<i>Parameters</i>	<i>Concentration or Value (maximum)</i>	<i>Units of Measurement</i>
1.	Acrylamide(i)	0.10	µg/l
2.	Antimony	5.0	µgSb/l
3.	Arsenic	10	µgAs/l
4.	Benzene	1.0	µg/l
5.	Benzo(a)pyrene	0.010	µg/l
6.	Boron	1.0	mgB/l
7.	Bromate	10	µgBrO ₃ /l
8.	Cadmium	5.0	µgCd/l

Status: This is the original version (as it was originally made).

(1)	(2)	(3)	(4)
Item	Parameters	Concentration or Value (maximum)	Units of Measurement
9.	Chromium	50	µgCr/l
10.	Copper	2.0	mg Cu/l
11.	Cyanide	50	µgCN/l
12.	1,2 dichloroethane	3.0	µg/l
13.	Epichlorohydrin(i)	0.10	µg/l
14.	Fluoride	1.5	mg F/l
15.	Lead	(a) (a) 25, from 3/7/06 until 24/12/13 (b) (b) 10, µgPb/l from 25/12/13	µgPb/l
16.	Mercury	1.0	µgHg/l
17.	Nickel	20	µgNi/l
18.	Nitrate	50	mgNO ₃ /l
19.	Nitrite	0.50	mgNO ₂ /l
20.	Pesticides(ii)–		
	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
21.	Pesticides: Total(iii)	0.50	µg/l
22.	PAH(iv)	0.10	µg/l
23.	Selenium	10	µgSe/l
24.	Tetrachloroethene & Trichloroethene(v)	10	µg/l
25.	THM: Total(vi)	100	µg/l
26.	Vinyl chloride(i)	0.50	µg/l

Notes:

- (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 the definition of “pesticides and related products” in regulation 2(1). The parametric value applies to each individual pesticide.
- (iii) “Pesticides: Total” means the sum of the concentrations of the individual pesticides detected and quantified in the monitoring procedure.
- (iv) “PAH” means Polycyclic Aromatic Hydrocarbons, the specified compounds being:

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- 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.

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

(vi) “THM: Total” means total Trihalomethanes, the specified compounds being:

- 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 II: National requirements

(1)	(2)	(3)	(4)
<i>Item</i>	<i>Parameters</i>	<i>Concentration or Value (maximum unless otherwise stated)</i>	<i>Units of Measurement</i>
1.	Aluminium	200	µgAl/l
2.	Colour	20	mg/l Pt/Co
3.	Hydrogen ion	9.5 6.5 (minimum)	pH value
4.	Iron	200	µgFe/l
5.	Manganese	50	µgMn/l
6.	Odour	3 at 25°C	Dilution number
7.	Silver(i)	10	µg Ag/l
8.	Sodium	200	mgNa/l
9.	Taste	3 at 25°C	Dilution number
10.	Tetrachloromethane	3	µg/l
11.	Turbidity(ii)	4	NTU
12.	Zinc	5000	µg Zn/l

Notes:

- (i) If Silver is used in a water treatment process, 80 may be substituted for 10.
- (ii) Every effort should be made to achieve 1 NTU whenever possible.

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Table C

Indicator parameters

Directive requirements

<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>
<i>Item</i>	<i>Parameters</i>	<i>Concentration or Value (maximum) or State</i>	<i>Units of Measurement</i>
1.	Ammonium	0.50	mgNH ₄ /l
2.	Chloride(i)	250	mgCl/l
3.	Clostridium perfringens (including spores)	0	Number/100 ml
4.	Coliform bacteria	0	Number/100 ml
5.	Colony count	No abnormal change	Number/1 ml at 22°C
6.	Conductivity(i)	2500	µS/cm at 20°C
7.	Sulphate(i)	250	mgSO ₄ /l
8.	Total indicative dose (for radioactivity)(ii)	0.10	mSv/year
9.	Total organic carbon (TOC)	No abnormal change	mgC/l
10.	Tritium (for radioactivity)	100	Bq/l

Notes:

(i) The water should not be aggressive.

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

Table D

Microbiological and Chemical Parameters: Type B Supplies

National Requirements

<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>
<i>Item</i>	<i>Parameters</i>	<i>Concentration or Value (maximum)</i>	<i>Units of Measurement</i>
1.	Coliform Bacteria	0	number/100ml
2.	Conductivity (i)	2500	µS/cm at 20°C
3.	Enterococci	0	number/100ml

Notes:

(i) The water should not be aggressive.

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<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>
<i>Item</i>	<i>Parameters</i>	<i>Concentration or Value (maximum)</i>	<i>Units of Measurement</i>
4.	Escherichia coli (E.coli)	0	number/100ml
5.	Hydrogen ion	9.5	pH value
6.	Lead	6.5 (minimum) (a) (a) 25, from 3/7/06 until 24/12/13 (b) 10, from 25/12/13	µgPb/l
7.	Nitrate	50	mgNO3/l
8.	Odour-qualitative		
9.	Taste-qualitative		
10.	Turbidity	4	NTU
Notes:			
(i) The water should not be aggressive.			