

SCHEDULE 1

Regulation 5

PRESCRIBED CONCENTRATIONS AND VALUES

Wholesomeness

TABLE A

MICROBIOLOGICAL PARAMETERS

<i>(1) Item</i>	<i>(2) Parameters</i>	<i>(3) Concentration or Value (maximum)</i>	<i>(4) Unit of measurement</i>	<i>(5) Point of Compliance¹</i>
Part I: Directive requirements				
1.	Enterococci	0	number/100ml	Consumers' taps
2.	<i>Escherichia coli (E. coli)</i>	0	number/100ml	Consumers' taps
Part II: National requirements				
1.	Coliform bacteria	0	number/100ml	Service reservoirs ² and water treatment works
2.	<i>Escherichia coli (E. coli)</i>	0	number/100ml	Service reservoirs and water treatment works

¹ Where water is supplied from a tanker see regulation 5(3)(a)² Compliance required as to 95% of samples taken for coliform bacteria from each service reservoir (regulation 5(6)).

TABLE B

CHEMICAL PARAMETERS

<i>(1) Item</i>	<i>(2) Parameters</i>	<i>(3) Concentration or Value (maximum)</i>	<i>(5) Units of Measurement</i>	<i>(6) Point of compliance</i>
Part I: Directive requirements				
1.	Acrylamide ¹	0.10	µg/l	
2.	Antimony	5.0	µg/l	Consumers' taps
3.	Arsenic	10	µg/l	Consumers' taps
4.	Benzene	1.0	µg/l	Consumers' taps
5.	Benzo(a)pyrene	0.010	µg/l	Consumers' taps
6.	Boron	1.0	mg/l	Consumers' taps
7.	Bromate ²	10	µg/l	Consumers' taps
8.	Cadmium	5.0	µg/l	Consumers' taps

Changes to legislation: There are currently no known outstanding effects for the The Water Supply (Water Quality) Regulations (Northern Ireland) 2017, SCHEDULE 1. (See end of Document for details)

9	Chromium	50	µg/l	Consumers' taps
10	Copper ³	2.0	mg/l	Consumers' taps
11	Cyanide	50	µg/l	Consumers' taps
12	1, 2 dichloroethane	3.0	µg/l	Consumers' taps
13	Epichlorohydrin ¹	0.10	µg/l	
14	Fluoride	1.5	mg/l	Consumers' taps
15	Lead ³	10	µg/l	Consumers' taps
16	Mercury	1.0	µg/l	Consumers' taps
17	Nickel ³	20	µg/l	Consumers' taps
18	Nitrate ⁴	50	mg/l	Consumers' taps
19	Nitrite ⁴	0.50	mg/l	Consumers' taps
		0.10		Treatment works
20	Pesticides ⁵⁶ Aldrin Dieldrin Heptachlor Heptachlor epoxide other pesticides ⁵⁶	0.030	µg/l	Consumers' taps
21	Pesticides: Total ⁷	0.50	µg/l	Consumers' taps
22	Polycyclic aromatic hydrocarbons ⁸	0.10	µg/l	Consumers' taps
23	Selenium	10	µg/l	Consumers' taps
24	Tetrachloroethene and Trichloroethene ⁹	10	µg/l	Consumers' taps
25	Trihalomethanes: Total ¹⁰	100	µg/l	Consumers' taps
26	Vinyl chloride ¹	0.50	µg/l	
Part II: National requirements				
1.	Aluminium	200	µg/l	Consumers' taps
2.	Colour	20	mg/l Pt/Co	Consumers' taps
3.	Iron	200	µg/l	Consumers' taps
4.	Manganese	50	µg/l	Consumers' taps
5.	Odour	Acceptable to consumers and no abnormal change		Consumers' taps
6.	Sodium	200	mg/l	Consumers' taps

7.	Taste	Acceptable to consumers and no abnormal change		Consumers' taps
8.	Tetrachloromethane	3	µg/l	Consumers' taps
9.	Turbidity	4	NTU	Consumers' taps

¹ 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.

² Where possible, without compromising disinfection, a water undertaker (in relation to a supply of water for human consumption purposes) must strive for a lower value.

³ See also regulation 8(5).

⁴ See also regulation 5(3)(d).

⁵ See the definition of “pesticides and related products” in regulation 2.

⁶ The parametric value applies to each individual. “other pesticide” means a pesticide other than aldrin, dieldrin, heptachlor and heptachlor epoxide.

⁷ “Pesticides: Total” means the sum of the concentrations of the individual pesticides detected and quantified in the monitoring process.

⁸ The specified compounds are benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene and the parametric value applies to the sum of the concentrations of the individual compounds detected and quantified in the monitoring process.

⁹ The parametric value applies to the sum of the concentrations of the individual compounds detected and quantified in the monitoring process.

¹⁰ The specified compounds are chloroform, bromoform, dibromochloromethane, bromodichloromethane and the parametric value applies to the sum of the concentrations of the individual compounds detected and quantified in the monitoring process.

Changes to legislation:

There are currently no known outstanding effects for the The Water Supply (Water Quality) Regulations (Northern Ireland) 2017, SCHEDULE 1.