

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

Table B

Chemical parameters

Part I: Directive requirements

<i>(1) Item</i>	<i>(2) Parameters</i>	<i>(3) Concentration or Value (maximum)</i>	<i>(4) 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
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

Changes to legislation: There are currently no known outstanding effects for the The Private Water Supplies (Scotland) Regulations 2006, SCHEDULE 1. (See end of Document for details)

13.	Epichlorohydrin(i)	0.10	µg/l
14.	Fluoride	1.5	mg F/l
15.	Lead	(a) 25, from 3/7/06 until 24/12/13	µgPb/l
		(b) 10, 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:
 - 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

<i>(1) Item</i>	<i>(2) Parameters</i>	<i>(3) Concentration or Value (maximum unless otherwise stated)</i>	<i>(4) Units of Measurement</i>
1.	Aluminium	200	µgAl/l
2.	Colour	20	mg/l Pt/Co
3.	F1	F1	F1

4.	Iron	200	µgFe/l
5.	Manganese	50	µgMn/l
6.	F2	F2	F2

7.	Silver(i)	10	µg Ag/l
8.	Sodium	200	mgNa/l
9.	F3	F3	F3

10.	Tetrachloromethane	3	µg/l
11.	Turbidity(ii)	4	NTU
12.	Zinc	5000	µg Zn/l

F1	Sch. 1 Table B Pt. 2 entry omitted (28.11.2015) by virtue of The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346) , regs. 1(1), 8(a)(i)
F2	Sch. 1 Table B Pt. 2 entry omitted (28.11.2015) by virtue of The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346) , regs. 1(1), 8(a)(ii)

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F3 Sch. 1 Table B Pt. 2 entry omitted (28.11.2015) by virtue of The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346), regs. 1(1), **8(a)(iii)**

F1 Sch. 1 Table B Pt. 2 entry omitted (28.11.2015) by virtue of The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346), regs. 1(1), **8(a)(i)**

F2 Sch. 1 Table B Pt. 2 entry omitted (28.11.2015) by virtue of The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346), regs. 1(1), **8(a)(ii)**

F3 Sch. 1 Table B Pt. 2 entry omitted (28.11.2015) by virtue of The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346), regs. 1(1), **8(a)(iii)**

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.

Table C

Indicator parameters

Directive requirements

<i>(1) Item</i>	<i>(2) Parameters</i>	<i>(3) Concentration or Value (maximum ^{F4}unless otherwise stated] or State</i>	<i>(4) 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
[^{F5} 5A	Colour	Acceptable to consumers and no abnormal change]	
6.	Conductivity(i)	2500	µS/cm at 20°C
[^{F6} 6A	Hydrogen ion	9.5 6.5 (minimum)	pH value]
[^{F6} 6B	Odour	Acceptable to consumers and no abnormal change]	
[^{F6} 6C.	Radon (for radioactivity)(ii)	100	Bq/l]
7.	Sulphate(i)	250	mgSO ₄ /l

[^{F7} 7A	Taste	Acceptable to consumers and no abnormal change]	
8.	Total indicative dose (for radioactivity) ^{F8} ...	0.10	mSv ^{F8} ...
9.	Total organic carbon (TOC)	No abnormal change	mgC/l
10.	Tritium (for radioactivity) [^{F9} (iii)]	100	Bq/l
[^{F10} 10A	Turbidity	Acceptable to consumers and no abnormal change]	

F4	Words in Sch. 1 Table C inserted (28.11.2015) by The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346) , regs. 1(1), 8(b)(i)
F5	Sch. 1 Table C entry inserted (28.11.2015) by The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346) , regs. 1(1), 8(b)(ii)
F6	Sch. 1 Table C entry inserted (28.11.2015) by The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346) , regs. 1(1), 8(b)(iii)
F7	Sch. 1 Table C entry inserted (28.11.2015) by The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346) , regs. 1(1), 8(b)(iv)
F8	Words in Sch. 1 Table C omitted (28.11.2015) by virtue of The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346) , regs. 1(1), 8(b)(vi)
F9	Word in Sch. 1 Table C inserted (28.11.2015) by The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346) , regs. 1(1), 8(b)(vii)
F10	Sch. 1 Table C entry inserted (28.11.2015) by The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346) , regs. 1(1), 8(b)(v)

Notes:

- (i) The water should not be aggressive.
- [^{F11}(ii) Remedial action is to be deemed justified on radiological protection grounds, without further consideration, where radon concentrations exceed 1,000 Bq/l.
- (iii) If the concentration of tritium exceeds this value, an analysis of the presence of other artificial radionuclides must be also carried out by Scottish Water.]

F11	Sch. 1 Table C Note (ii)(iii) substituted for Sch. 1 Table C Note (ii) (28.11.2015) by The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346) , regs. 1(1), 8(c)
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F11	Sch. 1 Table C Note (ii)(iii) substituted for Sch. 1 Table C Note (ii) (28.11.2015) by The Private and Public Water Supplies (Miscellaneous Amendments) (Scotland) Regulations 2015 (S.S.I. 2015/346) , regs. 1(1), 8(c)
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Table D

Microbiological and Chemical Parameters: Type B Supplies

National Requirements

<i>(1) Item</i>	<i>(2) Parameters</i>	<i>(3) Concentration or Value (maximum)</i>	<i>(4) Units of Measurement</i>
1.	Coliform Bacteria	0	number/100ml
2.	Conductivity (i)	2500	µS/cm at 20°C
3.	Enterococci	0	number/100ml
4.	Escherichia coli (E.coli)	0	number/100ml
5.	Hydrogen ion	9.5 6.5 (minimum)	pH value
6.	Lead	(a) 25, from 3/7/06 until 24/12/13 (b) 10, from 25/12/13	µgPb/l
7.	Nitrate	50	mgNO ₃ /l
8.	Odour-qualitative		
9.	Taste-qualitative		
10.	Turbidity	4	NTU

Notes:

- (i) The water should not be aggressive.

Changes to legislation:

There are currently no known outstanding effects for the The Private Water Supplies (Scotland) Regulations 2006, SCHEDULE 1.