
STATUTORY RULES OF NORTHERN IRELAND

2015 No. 366

**The Private Water Supplies (Amendment)
Regulations (Northern Ireland) 2015**

Amendment of Schedule 1 Concentrations and Values

7. For Schedule 1 Part 2 (Indicator Parameters) substitute—

“PART 2

Indicator Parameters

<i>Parameters</i>	<i>Maximum concentration or value or state (unless otherwise stated)</i>	<i>Units of measurement</i>
Ammonium	0.50	mgNH ₄ /l
Chloride ⁽¹⁾	250	mgCl/l
<i>Clostridium perfringens</i> (including spores)	0	Number/100ml
Coliform bacteria	0	Number/100ml
Colony counts	No abnormal change	Number/1ml at 22°C
	No abnormal change	Number/1ml at 37°C
Conductivity ⁽¹⁾	2,500	µS/cm at 20°C
Hydrogen ion ⁽¹⁾	9.5	pH value
	6.5 (minimum)	pH value

- (1) The water should not be aggressive.
- (2) Excluding tritium, potassium-40, radon and radon decay products.
- (3) Where treatment to reduce the level of radionuclides in water intended for human consumption has been taken, monitoring must be carried out under Schedule 3 Part 1 to ensure the continued efficacy of treatment.
- (4) If the gross alpha activity exceeds 0.1Bq/l or the gross beta activity exceeds 1.0Bq/l analysis for specific radionuclides is required.
- (5) Remedial action is deemed to be justified on radiological protection grounds, without further consideration, where radon concentrations exceed 1000Bq/l.
- (6) If tritium concentration exceeds its parametric value an investigation (which may include analysis) of the presence of other artificial radionuclides must be carried out.
- (7) Only in the case of surface water treatment where the parametric value should be strived for the water ex-treatment works.

<i>Parameters</i>	<i>Maximum concentration or value or state (unless otherwise stated)</i>	<i>Units of measurement</i>
Sulphate ⁽¹⁾	250	mgSO ₄ /l
Indicative dose (for radioactivity) ⁽²⁾⁽³⁾⁽⁴⁾	0.10	mSv/year
Radon (for radioactivity) ⁽³⁾⁽⁵⁾	100	Bq/l
Total organic carbon(TOC)	No abnormal change	mgC/l
Tritium (for radioactivity) ⁽³⁾⁽⁶⁾	100	Bq/l
Turbidity ⁽⁷⁾	1	NTU''

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- (2) Excluding tritium, potassium-40, radon and radon decay products.
- (3) Where treatment to reduce the level of radionuclides in water intended for human consumption has being taken, monitoring must be carried out under Schedule 3 Part 1 to ensure the continued efficacy of treatment.
- (4) If the gross alpha activity exceeds 0.1Bq/l or the gross beta activity exceeds 1.0Bq/l analysis for specific radionuclides is required.
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