

SCHEDULE 3

MONITORING

Part 1

Group A and Group B Parameters

Table 1

Group A parameters and circumstances for monitoring

<i>Item number (1)</i>	<i>Parameter (2)</i>	<i>Circumstances (3)</i>
1	Aluminium	Where used as a water treatment chemical or where the water originates from, or is influenced by, surface waters
2	Ammonium	Where chloramination is practised
3	Coliform bacteria	In all circumstances
4	Colony counts 22 ° C	In all circumstances
5	Colour	In all circumstances
6	Conductivity ⁽¹⁾	In all circumstances
7	<i>E. coli</i>	In all circumstances
8	Hydrogen ion	In all circumstances
9	Iron	Where used as a water treatment chemical or where the water originates from, or is influenced by, surface waters
10	Manganese	Where the water originates from, or is influenced by, surface waters
11	Nitrate	Where chloramination is practised
12	Nitrite	Where chloramination is practised
13	Odour	In all circumstances
14	Residual disinfectant	In all circumstances
15	Taste	In all circumstances
16	Turbidity	In all circumstances

Note:

(1) Sampling for this parameter in water supply zones may be substituted by sampling at supply points.

Status: This is the original version (as it was originally made).

Table 2

Group B1 parameters and circumstances for monitoring to be used for sampling in water supply zones (or supply points)

<i>Item number</i>	<i>Parameter (2)</i>	<i>Circumstances</i>
1	Aluminium	Where— (i) not used as a water treatment chemical; or (ii) the water neither originates from, nor is influenced by, surface waters.
2	Ammonium	Where chloramination is not practised
3	Antimony	In all circumstances
4	Arsenic	In all circumstances
5	Benzene ⁽¹⁾	In all circumstances
6	Benzo(a)pyrene	In all circumstances
7	Boron ⁽¹⁾	In all circumstances
8	Bromate ⁽²⁾	In all circumstances
9	Cadmium	In all circumstances
10	Chloride ⁽¹⁾	In all circumstances
11	Chromium	In all circumstances
12	<i>Clostridium perfringens</i> (including spores)	In all circumstances
13	Copper	In all circumstances
14	Cyanide ⁽¹⁾	In all circumstances
15	1, 2 dichloroethane ⁽¹⁾	In all circumstances
16	Enterococci	In all circumstances
17	Fluoride ⁽¹⁾	In all circumstances
18	Gross alpha ⁽¹⁾⁽³⁾⁽⁴⁾	In all circumstances
19	Gross beta ⁽¹⁾⁽³⁾⁽⁴⁾	In all circumstances
20	Iron	Where— (i) not used as a flocculant; or

(1) Sampling for these parameters may be within water supply zones (Group B1) or at supply points (Group B2).

(2) Monitoring of this parameter in water supply zones is required only where sodium hypochlorite is added after water has left the treatment works. In other circumstances, monitoring is required at supply points, see Group B2.

(3) To monitor for indicative dose.

(4) In the event that a single sample is taken in a year, a further sample must be taken if there is any change in relation to that supply that could affect the concentration of radionuclides in the water supply.

<i>Item number</i>	<i>Parameter (2)</i>	<i>Circumstances</i>
		(ii) the water neither originates from, nor is influenced by, surface waters.
21	Lead	In all circumstances
22	Manganese	Where the water neither originates from, nor is influenced by, surface waters.
23	Mercury ⁽¹⁾	In all circumstances
24	Nickel	In all circumstances
25	Nitrate	Where chloramination is not practised.
26	Nitrite	Where chloramination is not practised.
27	Pesticides and related products ⁽¹⁾	In all circumstances
28	Polycyclic aromatic hydrocarbon	In all circumstances
29	Radon ⁽¹⁾⁽⁴⁾	In all circumstances
30	Selenium	In all circumstances
31	Sodium	In all circumstances
32	Sulphate ⁽¹⁾	In all circumstances
33	Tetrachloroethene ⁽¹⁾	In all circumstances
34	Tetrachloromethane ⁽¹⁾	In all circumstances
	Total organic carbon ⁽¹⁾	
35	Trichloroethene	In all circumstances
	Trihalomethanes: Total	
36	Tritium ⁽¹⁾⁽⁴⁾	In all circumstances

Notes:

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- (1) Sampling for these parameters may be within water supply zones (Group B1) or at supply points (Group B2).
 - (2) Monitoring of this parameter in water supply zones is required only where sodium hypochlorite is added after water has left the treatment works. In other circumstances, monitoring is required at supply points, see Group B2.
 - (3) To monitor for indicative dose.
 - (4) In the event that a single sample is taken in a year, a further sample must be taken if there is any change in relation to that supply that could affect the concentration of radionuclides in the water supply.

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

Table 3

**Group B2 parameters and circumstances for monitoring
to be used for sampling at works or supply points**

<i>Item number</i>	<i>Parameter ⁽²⁾</i>	<i>Circumstances</i>
1	Benzene ⁽¹⁾	In all circumstances
2	Boron ⁽¹⁾	In all circumstances
3	Bromate ⁽²⁾	In all circumstances
4	Chloride ⁽¹⁾	In all circumstances
5	<i>Clostridium perfringens</i> (including spores)	In all circumstances
6	Cyanide ⁽¹⁾	In all circumstances
7	1, 2 dichloroethane ⁽¹⁾	In all circumstances
8	Fluoride ⁽¹⁾	In all circumstances
9	Gross alpha ⁽¹⁾⁽³⁾⁽⁴⁾	In all circumstances
10	Gross beta ⁽¹⁾⁽³⁾⁽⁴⁾	In all circumstances
11	Indicative dose	In all circumstances
12	Mercury ⁽¹⁾	In all circumstances
13	Nitrite	When chloramination is not practised.
14	Pesticides and related products ⁽¹⁾	In all circumstances
15	Radon ⁽¹⁾⁽⁴⁾	In all circumstances
16	Sulphate ⁽¹⁾	In all circumstances
17	Tetrachloroethene ⁽¹⁾	In all circumstances
18	Tetrachloromethane ⁽¹⁾	In all circumstances
19	Total organic carbon ⁽¹⁾	
20	Trichloroethene	In all circumstances
21	Tritium ⁽¹⁾⁽⁴⁾	In all circumstances

Notes:

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- (1) Sampling for these parameters may be within water supply zones (Group B1) or at supply points (Group B2).
- (2) Monitoring is required at supply points where sodium hypochlorite is not added after water has left the treatment works. In other circumstances, see Group B1.
- (3) To monitor for indicative dose.
- (4) In the event that a single sample is taken in a year, a further sample must be taken if there is any change in relation to that supply that could affect the concentration of radionuclides in the water supply.

Table 4

Group A1 parameters

<i>Item number</i>	<i>Parameter</i>
1	Coliform bacteria
2	<i>E. coli</i>
3	Residual disinfectant

Table 5

Group A2 parameters

<i>Item number</i>	<i>Parameter</i>
1	Coliform bacteria
2	Colony counts 22° C
3	<i>E.coli</i>
4	Nitrite
5	Residual disinfectant
6	Turbidity

Table 6

Group A3 parameters

<i>Item number</i>	<i>Parameter</i>
1	Conductivity

Table 7

Group A4 parameters

<i>Item number</i>	<i>Parameter</i>
1	Aluminium
2	Ammonium
3	Colony counts 22° C
4	Colour
5	Conductivity
6	Hydrogen ion
7	Iron
8	Manganese
9	Nitrate

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

<i>Item number</i>	<i>Parameter</i>
10	Nitrite
11	Odour
12	Taste
13	Turbidity