

SCHEDULE 3

Regulations 13 and 17

SAMPLING FREQUENCIES

**TABLE 1:**

Sampling frequencies at consumers' taps

Parameters	Water Supply Zone		Sampling Frequency (number per annum)			
	Volume distributed (m <sup>3</sup> /d) for domestic purposes	Population Supplied	Reduced		Standard	Increased
			Ground water	Surface water		
Conductivity or hydrogen ion	≤100	≤500			4	12
Odour (qualitative)	101– 1000	501– 5000	4	4	6	12
	1001– 2000	5001–10000	4	6	12	24
	2001– 4000	10001– 20000	6	2	24	
Taste (qualitative)	4001– 7000	20001– 35000	11	21	42	
	7001–10000	35001– 50000	15	30	60	

**TABLE 2:**

Sampling frequencies at consumers' taps

Parameters	Water Supply Zone		Sampling Frequency (number per annum)			
	Volume distributed (m <sup>3</sup> /d) for domestic purposes	Population Supplied	Reduced		Standard	Increased
			Ground water	Surface water		
Odour (quantitative)						
Taste (quantitative)						
Turbidity	≤100	≤500			4	12
Temparture	101– 1000	501– 5000			4	12

**Status:** This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Parameters	Water Supply Zone		Sampling Frequency (number per annum)			
	Volume distributed (m <sup>3</sup> /d) for domestic purposes	Population Supplied	Reduced		Standard	Increased
			Ground water	Surface water		
Hydrogen ion	1001– 2000	5001–10000			4	24
Nitrate	2001– 4000	10001– 20000	4	4	6	24
Nitrate	4001– 7000	20001– 35000	4	5	10	36
Ammonium	7001–10000	35001– 50000	4	5	10	48
Iron						
Aluminium						
Manganese						
Colour						

**TABLE 3:**

Sampling frequencies at consumers' taps

Parameters	Water Supply Zone		Sampling Frequency (number per annum)		
	Volume distributed (m <sup>3</sup> /d) for domestic purposes	Population Supplied	Reduced	Standard	Increased
Trihalomethanes	≤7000	≤35000	1	4	12
Tetrachloromethane					
Trichloroethene					
Tetrachloroethene					
Copper					
Lead	7001–10000	35001–50000	1	4	24
Zinc					
Pesticides(i)					

Notes

- (i) ie any fungicide, herbicide or insecticide; increased or reduced sampling, where required or permitted, may be confined to the substance in question.
- (ii) The sum of the detected concentrations of fluoranthene, benzo 3.4 fluoranthene, benzo 11.12 fluoranthene, benzo 3.4 pyrene, benzo 1.12 perylene and indeno (1,2,3-cd) pyrene.

**Status:** This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Parameters	Water Supply Zone		Sampling Frequency (number per annum)		
	Volume distributed (m <sup>3</sup> /d) for domestic purposes	Population Supplied	Reduced	Standard	Increased
Polycyclic aromatic hydrocarbons(ii)					
Notes					
(i) ie any fungicide, herbicide or insecticide; increased or reduced sampling, where required or permitted, may be confined to the substance in question.					
(ii) The sum of the detected concentrations of fluoranthene, benzo 3.4 fluoranthene, benzo 1.12 fluoranthene, benzo 3.4 pyrene, benzo 1.12 perylene and indeno (1,2,3-cd) pyrene.					

**TABLE 4:**

Sampling frequencies at consumers' taps

Parameters	Sampling Frequency(number per annum)	
	Standard	Increased
Chloride		
Sulphate		
Calcium		
Magnesium		
Sodium		
Potassium		
Dry residues		
Oxidizability (permanganate value)		
Total organic carbon		
Boron		
Surfactants		
Phosphorus	1	12
Fluoride		
Barium		
Silver		
Arsenic		
Cadmium		
Cyanide		
Chromium		
Mercury		

**Status:** This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Parameters	Sampling Frequency(number per annum)	
	Standard	Increased
Nickel		
Antimony		
Selenium		
Total hardness		
Alkalinity		

**TABLE 5:**

Sampling frequencies at supply points

Water Supply Zone or Combination of Zones Volume of Water Supplied (m <sup>3</sup> /d) for domestic purposes	Sampling Frequency (number per annum)															
	Table 1 Parameters				Table 2 Parameters				Table 3 Parameters				Table 4 Parameters			
	Reduced GW	Standard GW	Increased SW	Standard SW	Reduced GW	Standard GW	Increased SW	Standard SW	Reduced GW	Standard GW	Increased SW	Standard SW	Reduced GW	Standard GW	Increased SW	Standard SW
≤100																
101-500	4	12			4	12	1	2	4	12			1	12		
501-1000	4	6	12		4	12	1	2	4	12			1	12		
1001-2000	6	12	24		4	24	1	2	4	12			1	12		
2001-4000	12	24		4	4	6	24	1	2	4	12			1	12	
4001-10000	30	60		4	5	10	60	1	2	4	12			1	12	
10000-20000	60	120		5	10	20	60	2	3	6	24	1	1	2	24	
20000-30000	90	180		8	15	30	60	2	3	6	24	1	2	3	24	
30000-60000	180	360		15	30	60	120	2	3	6	24	2	3	6	24	

GW = Ground water  
SW = Surface water

**Status:** This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Water Supply Zone or Combination of Zones	Sampling Frequency (number per annum)																
	Table 1 Parameters				Table 2 Parameters				Table 3 Parameters				Table 4 Parameters				
	Reduced GW	Standard GW	Increased SW	Standard SW	Reduced GW	Standard GW	Increased SW	Standard SW	Reduced GW	Standard GW	Increased SW	Standard SW	Reduced GW	Standard GW	Increased SW	Standard SW	
6000-10000	180	360	30	60	120	3	5	10	24	3	5	10	24	3	5	10	24
10000-20000	180	360	30	60	120	5	10	20	36	5	10	20	36	5	10	20	36

GW = Ground water  
SW = Surface water

**TABLE 6:**

Sampling frequencies at consumers' taps

Parameters	Water Supply Zone		Sampling Frequency (number per annum) Standard
	Volume distributed (m <sup>3</sup> /d) for domestic purposes	Population Supplied	
Total coliforms }	≤100	≤500	12
Faecal coliforms }	101–1000	501– 5000	12
Residual disinfectant }	1001–2000	5001–10000	24
Colony counts }	2001–4000	10001–20000	48
		20001–50000	at the rate of 12 per 5000 population except in the case of colony counts where the standard number is 5.

**Status:** This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

**TABLE 7:**

## Sampling frequencies for treatment works

Parameters	Volume of water supplied (m <sup>3</sup> /d) for domestic purposes	Sampling frequency (number per annum)	
		Reduced	Standard
<b>1.</b> Total and faecal coliforms,	≤2000	12	52
residual disinfectant and colony counts	2001–6000	52	104
<b>2.</b> Total and faecal coliforms	6001–12000	104	208
and residual disinfectant	>12000	104	365
<b>3.</b> Colony counts	>6000	52	104